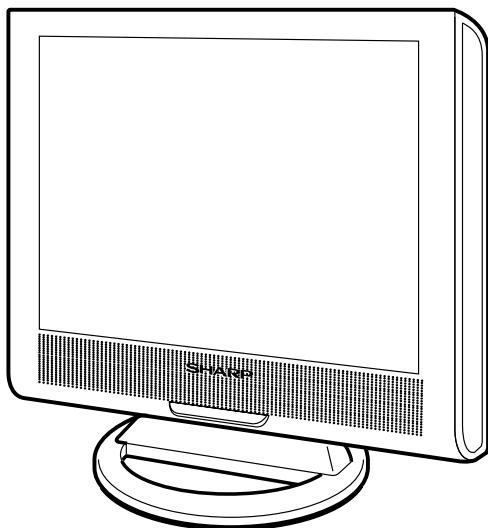


SHARP SERVICE MANUAL

S60B6LC-15A2U



LCD COLOR TELEVISION

MODEL LC-15A2U

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified be used.

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SHARP CORPORATION

This document has been published to be used for
after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

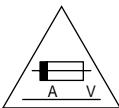
- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION

FOR CONTINUED PROTECTION
AGAINST A RISK OF FIRE REPLACE
ONLY WITH SAME TYPE FUSE.
F3701 (1.6A, 125V), F3702 (1.6A, 125V), F3751
(2.5A, 125V) FUSE.



BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

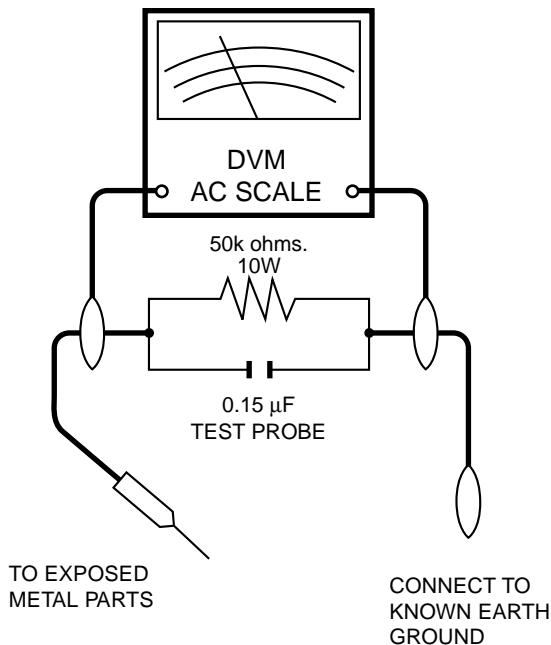
1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 110~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a $0.15\mu\text{F}$ capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon and etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.75V peak (this corresponds to 0.5 milliamp. peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage and etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠"

and shaded areas in the **Replacement Parts Lists** and **Schematic Diagrams**.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

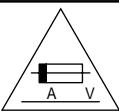
- Ne peut effectuer la réparation qu'un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.

PRECAUTION

POUR LA PROTECTION CONTINUE
CONTRE LES RISQUES D'INCENDIE,
REPLACER LE FUSIBLE PAR UN FUSIBLE
DE MEME TYPE F3701 (1,6A, 125V), F3702
(1,6A, 125V), F3751 (2,5A, 125V).

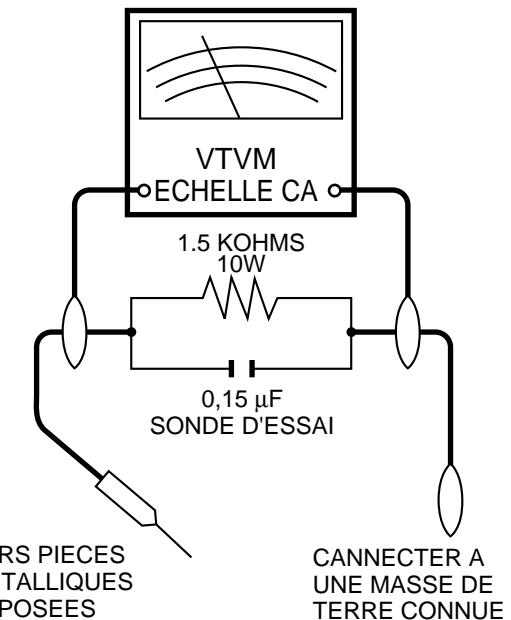


VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la façon suivante:
 - Brancher le cordon d'alimentation dans la prise CA de 110~240 V et le câble d'alimentation CC dans le jack du moniteur. (Ne pas utiliser un transformateur pour cet essai.)
 - A l'aide de deux fils à pinces, brancher une résistance de $1,5\text{k}\Omega$ 10 watts en parallèle avec un condensateur de $0,15\mu\text{F}$ en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.

- Utiliser un voltmètre CA d'une sensibilité d'au moins $5000\Omega/\text{V}$ pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesure la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.) Une valeur de 0,75 V RMS ou plus (correspond à 0,5 mA C.A.) est excessive et implique un danger de secousse électrique, qui devra être supprimé avant de retourner l'appareil à l'utilisateur.



SAFETY NOTICE

De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.

Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont

identifiées par la marque "⚠" et hachurées dans **la liste des pièces de remplacement et les diagrammes schématiques**.

Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

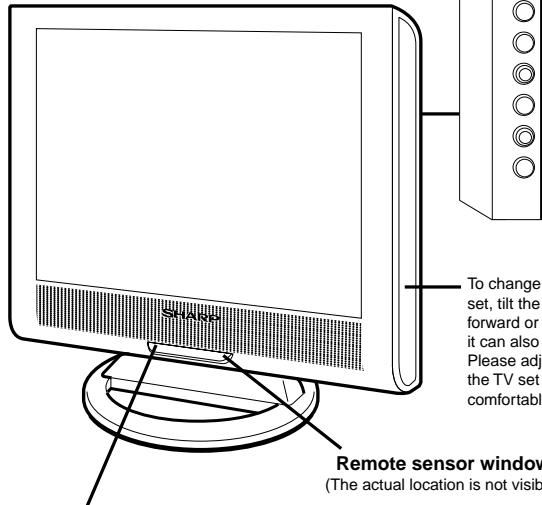
ELECTRICAL SPECIFICATIONS

Power input	DC 12V (Receiver) AC 110-240V (AC Adapter)
Power consumption	27 W (Connected to DC 12V)
LCD panel size	15" TFT LCD
Number of pixels	921,600 pixels (VGA)
Video color systems.....	PAL/NTSC/SECAM
Audio amplifier	(Front) 0.6 W + 0.6 W (at 10% distortion) (Rear) 2.5 W
Speakers	
Size	(Front) $1\frac{3}{16} \times 1\frac{37}{64}$ in. (3 x 4 cm) (2 pcs) (Rear) $\phi 65$ mm (1 pcs)
Voice coil impedance	(Front) 32 ohm
Voice coil impedance	(Rear) 6 ohm
Antenna input impedance	75 ohm unbalanced
Tuning ranges	
VHF Channels	2 thru 13
UHF Channels	14 thru 69
CATV Channels	1 thru 125 (EIA, Channel Plan U.S.A)
Weight	8.2 lbs (3.7 kg), w/o accessories
Accessories	R/C, Batteries, Antenna cable, AC adapter, AC cord, Operation manual, Cable Clamp

Specifications are subject to change without prior notice.

OPERATION MANUAL

Main unit (front view)



Rear control panel

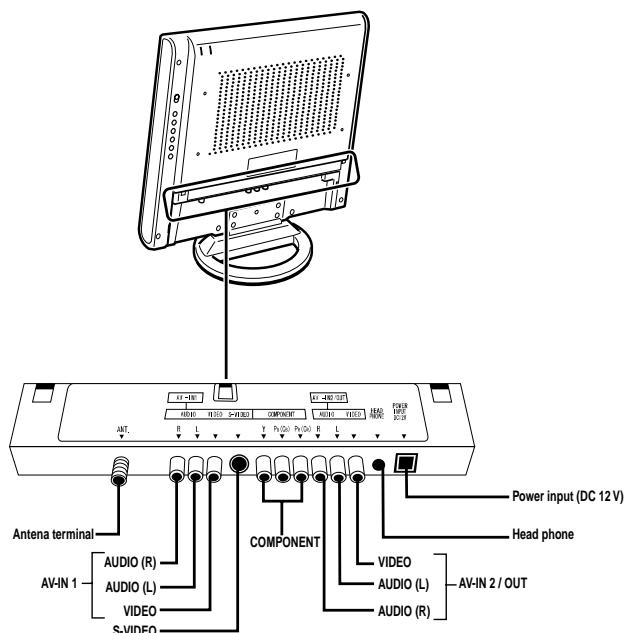
To change the angle of the TV set, tilt the screen 10 degrees forward or 20 degrees backward. It can also be rotated 90 degrees. Please adjust the angle so that the TV set can be watched most comfortably.

Remote sensor window
(The actual location is not visible)

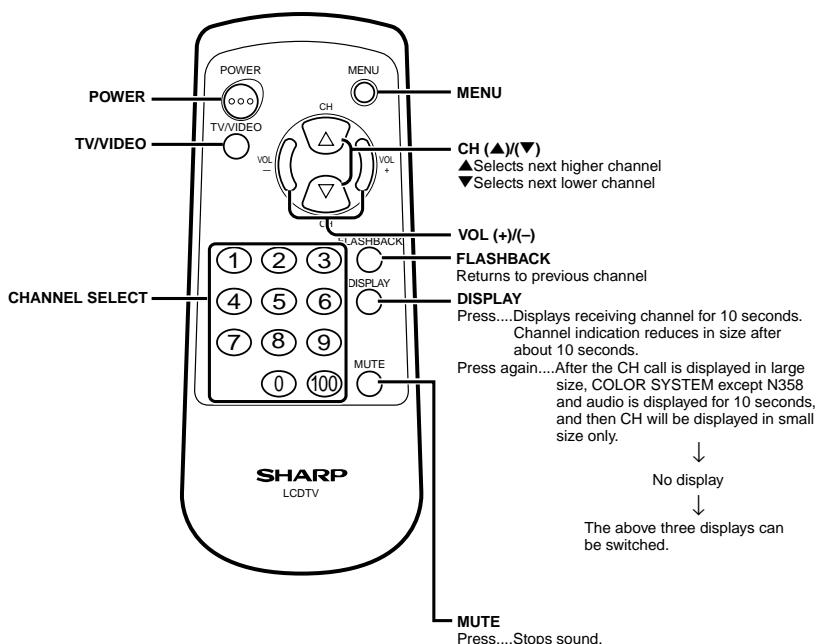
Power/standby indicator

A green indicator lights when the power is on and a red indicator lights when in the standby mode (the indicator will not light when the main power is off).

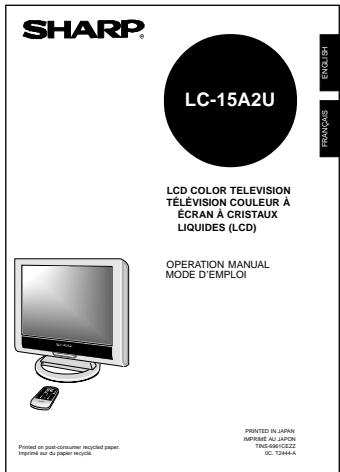
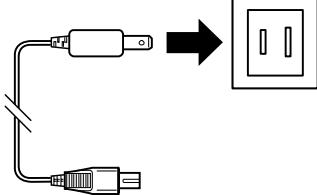
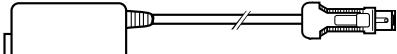
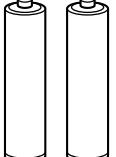
Main unit (rear view)



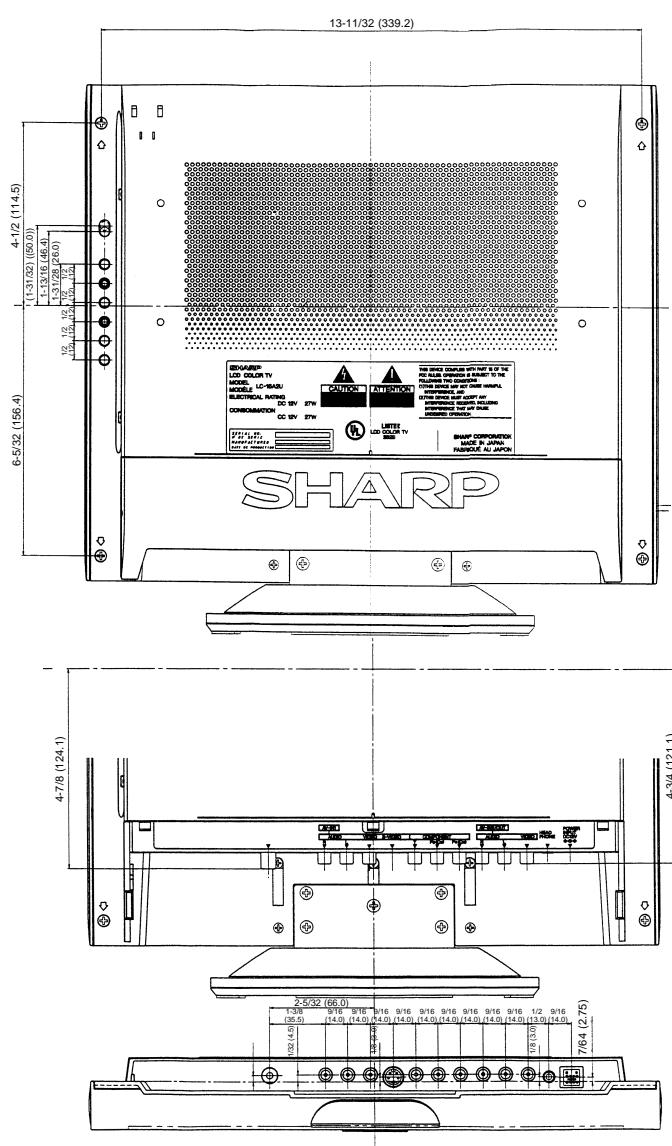
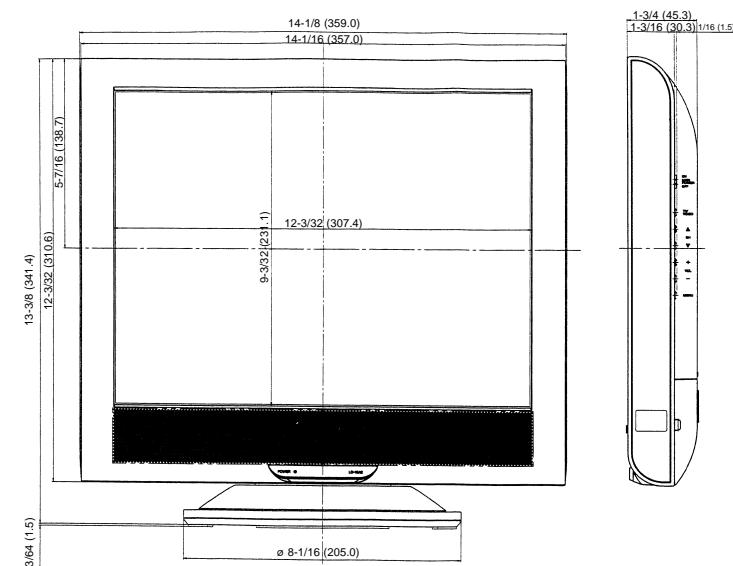
Remote control



SUPPLIED ACCESSORIES

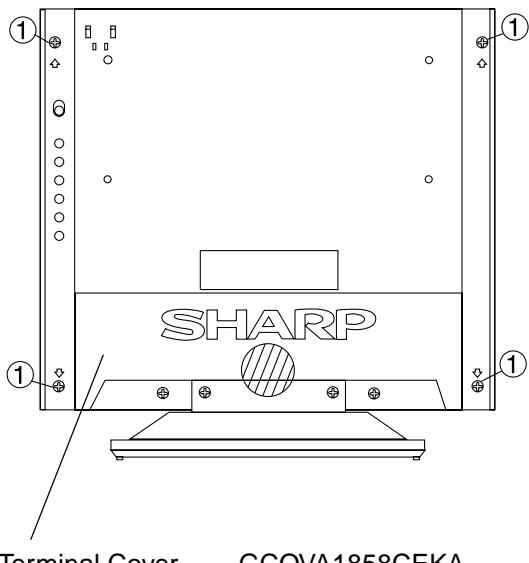
Operation Manual (x1)	Wireless Remote Control (x1)
 <p>SHARP LC-15A2U LCD COLOR TELEVISION TÉLÉVISION COULEUR À ÉCRAN À CRISTAUX LIQUIDES (LCD) OPERATION MANUAL MODE D'EMPLOI PRINTED IN JAPAN IMPRIMÉ AU JAPON TINS-6961CEZZ OC. T2444A Printed on post-consumer recycled paper. Imprimé sur du papier recyclé.</p> <p>TINS-6961CEZZ</p>	 <p>RRMCG1559CESA</p>
Antenna Cable	AC Cord
 <p>QCNW-5730CEZZ</p>	 <p>QACCD3088CEZZ</p>
AC Adapter (x1)	Size AAA Dry Battery (x2)
 <p>UADP-0212CEZZ</p>	 <p>UBATU0026GEZZ</p>

OUTLINE DIMENSION FIGURE

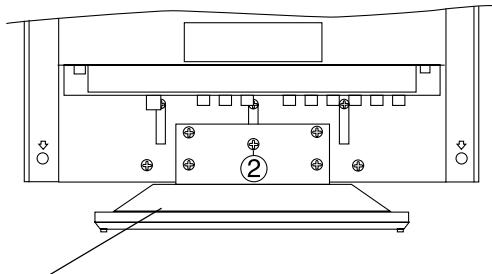


DISASSEMBLY OF THE SET

1. Insert your finger into the center of the terminal cover and pull it toward you to detach the terminal cover.
2. Remove the four screws ① and one screw ②.
3. Open the cabinet B by approx. 45° from the bottom of the cabinet (stand side).
4. Remove the lead wire from the cable clamp ③.
5. Remove the power connector ④.
6. Remove the connector ⑤ from the light reception unit.
7. Remove the lead wire from the cable clamp ⑥.
8. Remove the speaker connector ⑦.
9. Remove the FFC from the FFC connector ⑧ on the main PWB.
10. Remove the connector ⑨ from the switch PWB.
11. Remove the right and left speaker connectors ⑩ on the terminal PWB.



Terminal Cover GCOVA1858CEKA

Hinge Cover
Rotation Cover GCOVA1853CESA
GCOVA1854CESA

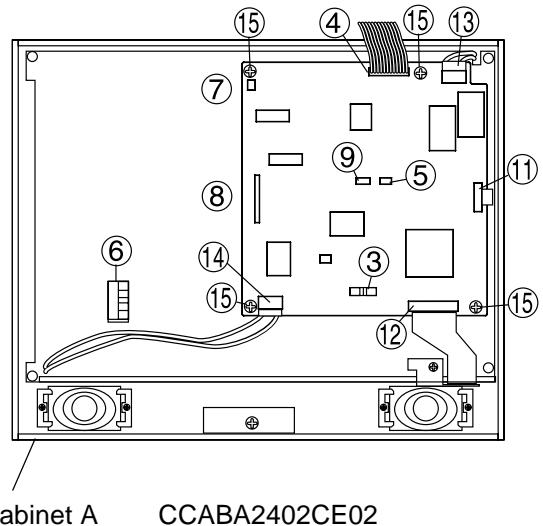
<<Disassembly of the main PWB>>

1. Disconnect the flexible cable connectors ⑪ and ⑫ from the LCD panel.
2. Disconnect the cable connectors ⑬ and ⑭ from the fluorescent lamp.
3. Remove the four screws ⑮.

<<Disassembly of the terminal PWB>>

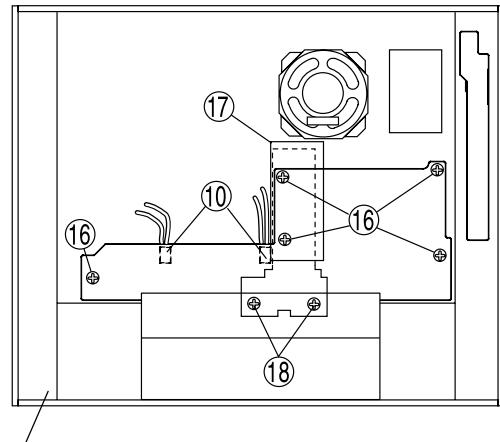
1. Remove the cover ⑯.
2. Remove the five screws ⑯.
3. Remove the two screws ⑰. Take them out of the cabinet holes.

<<Cabinet A side>>



Cabinet A CCABA2402CE02

<<Cabinet B side>>



Cabinet B CCABB2288CE01

ADJUSTING PROCEDURE OF EACH SECTION

The best adjustment is made before shipping. If any position deviation is found or after part replace is performed, adjust as follows.

1. Preparation for Adjustments

(1) Use the exclusive-use AC adapter or stable DC power supply.

AC adapter: UADP-0212CEZZ

DC power supply: $12 \pm 0.5V$

2. Special mode setting procedure

(1) After initialization of E²PROM the mode is changed to the adjustment mode.

[Procedure]

Connect TP2001 and TP2002 to GND, and turn on the power.

[Description]

- The initialization of microcomputer is as follows.
- AV position, DAC data, G/A data, sound processor data, and video chroma data adjustment values are taken as defaults.

(2) Adjustment mode

[Procedure]

Short-circuit TP2001 to GND, and turn on the power.

Or short-circuit TP2002 to GND, and turn on the power.

Or holding down the [TV/VIDEO] key and [MENU] key, turn on the main power, and simultaneously press the (inspection process) [CH ▼] key and [VOL-] key to change the mode to the adjustment mode.

[Description]

The manual adjustment or adjustment through communication with the automatic machine is performed.

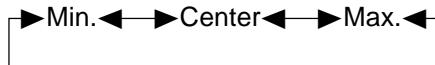
(3) Inspection mode

[Procedure]

Holding down the [TV/VIDEO] key and [MENU] key, turn on the power.

[Description]

- In the ordinary menu select "VIDEO ADJUST" with the [CH] key, and decide with the [VOL] key. Then select "PICTURE", "TINT (only NTSC)", "COLOR", "BLACK LEVEL", "SHARPNESS", "RED-BLUE", "GREEN" and "COLOR SYSTEM" with the [CH] key, and decide with the [VOL] key. After that, adjust values with the [VOL] key.
- VOLUME, PICTURE, TINT (only NTSC), COLOR, BLACK LEVEL, SHARPNESS, RED-BLUE, GREEN change as follows.



(4) Shipping setting mode

[Procedure]

Holding down the [TV/VIDEO] key and [MENU] key, turn on the main power, and simultaneously press the (inspection process) [CH ▲] key and [VOL+] key to change the mode to the adjustment mode.

[Description]

User adjustment and other values are taken as defaults.

If TV is indicated as SETTING COMPLETE, setting has been completed.

3. Cancel of special mode

Turn off the main unit power.

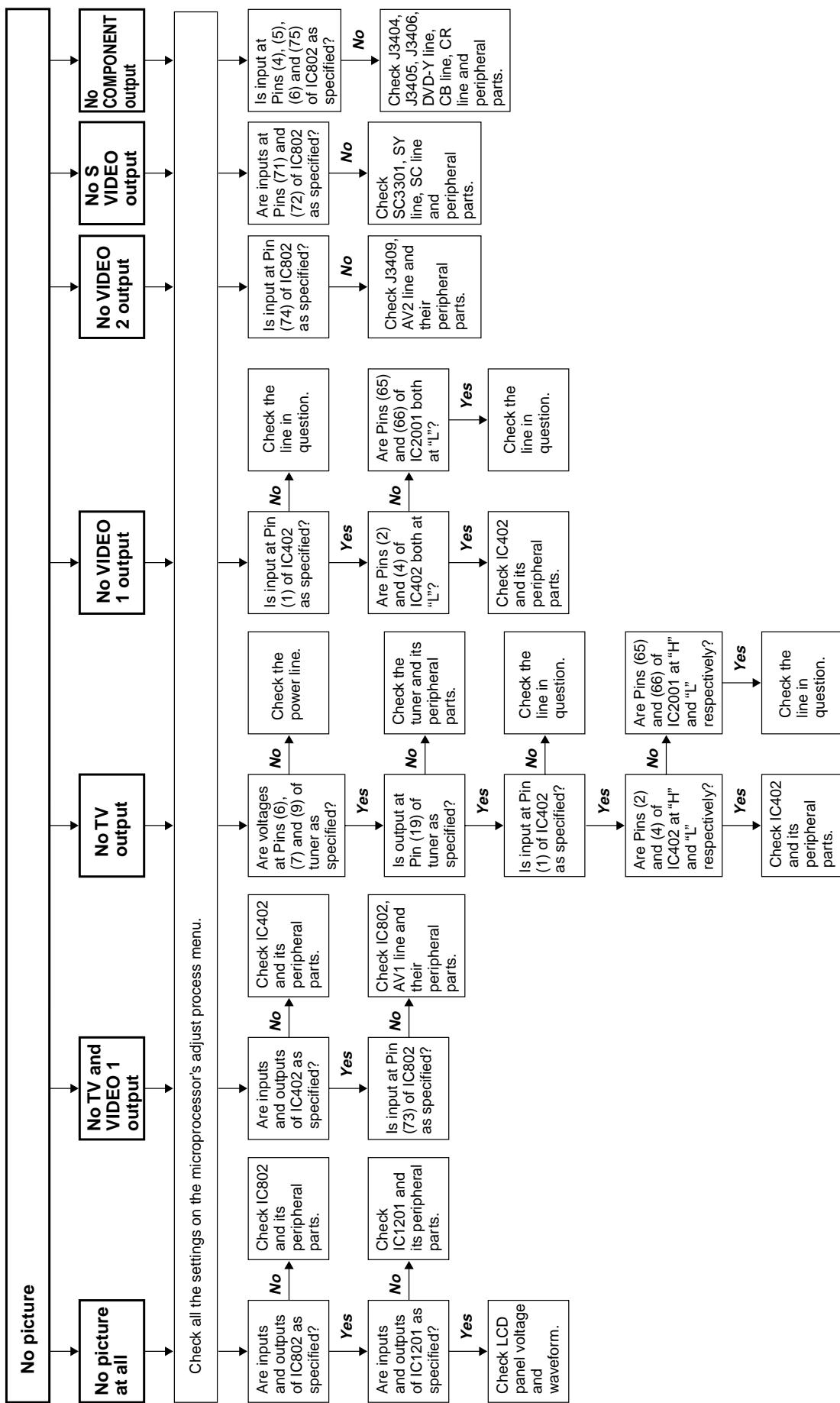
4. Adjustments

	Adjustment	Adjusting conditions	Adjusting method
1	B+ Adjustment (If E ² PROM is replaced) (IC2004)	1. Connect the DC voltmeter to pin 49 of SC401. 2. Go to the adjustment mode.	1. Adjust the "B+ Adj" value to 5.0V±0.02V with [VOL+] or [VOL-] Key. * The color of "B+ Adj" must be yellow.
2	Model setup (If E ² PROM is replaced) (IC2004)	1. Go to the adjustment mode.	1. Select "MODEL" with [MENU] key and adjust to "A2U" with [VOL+] or [VOL-] key. * The color of "MODEL" must be yellow.
3	Counter-bias adjustment	1. Receive a B/W channel. 2. Go to the adjustment mode. 3. Select the "COM BIAS" with [MENU] key.	1. Adjust "COM BIAS" to the darkest screen with [VOL+] and [VOL-] key. * The color of "COM BIAS" must be yellow.

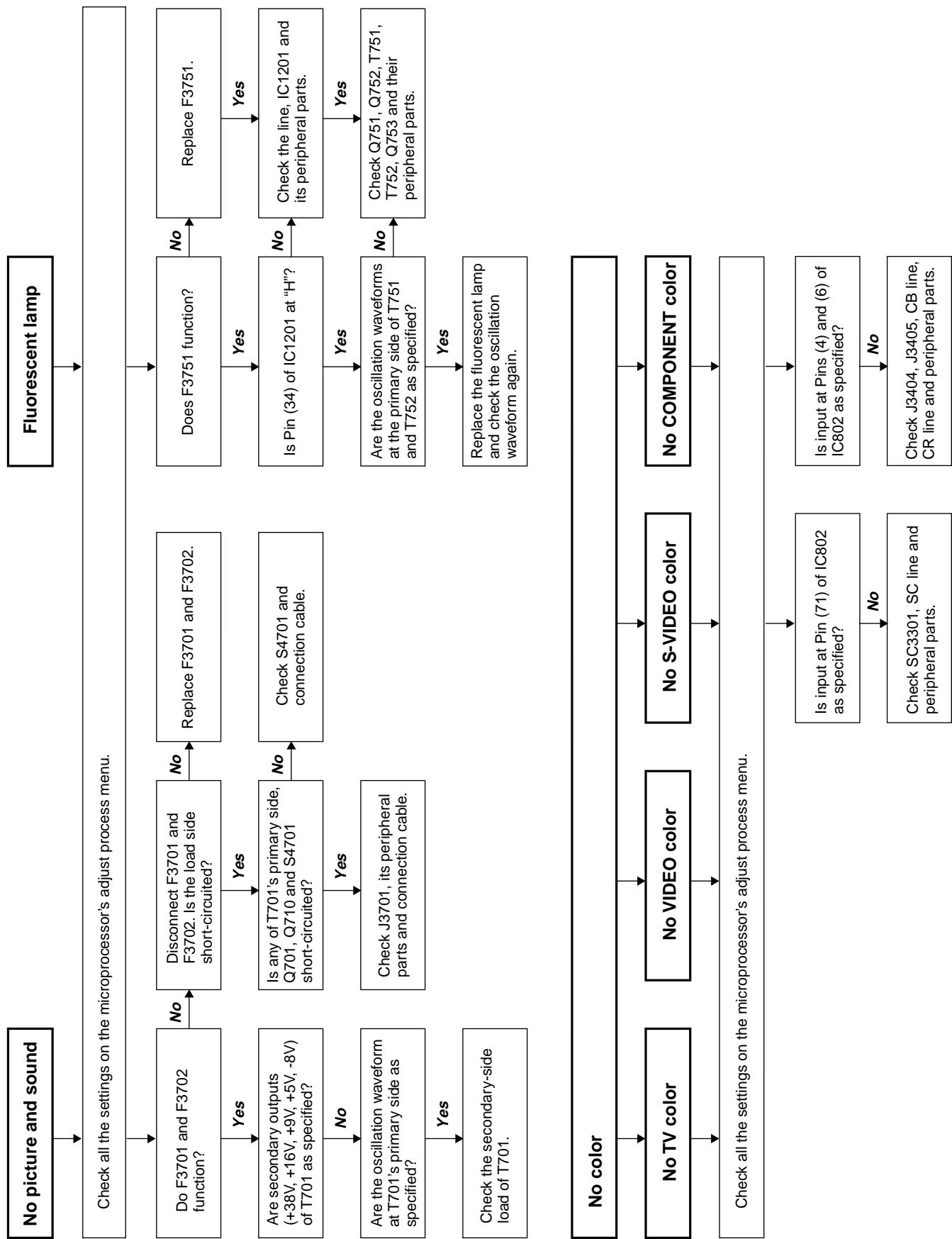
5. Shipping setting list

Channel	2ch
Air/Cable	Air
Skip Data_CATV	All Skip
Skip Data_AIR	All Skip
Volume	20
Picture	30
Tint	0
Color	0
Black Level	0
SHARP	0
RED-BLUE	0
GREEN	0
TV Color System	N358
AV Color System	Auto
Language	English
Blue Screen	Off
EZ Setup Auto Start	On
Sleep Timer	None
MTS	Stereo
Brightness	Bright
Auto Power Off	Off
Upside	Normal
Right/Left	Normal
AV1	Normal
AV2 IN/OUT	In
Closed Caption (Mode)	OFF
(Data)	CH1
V Chip block (MPAA)	None
(TV Guideline)	None
(Block Content)	All Unblock
(Status)	Off
(Input Secret No.)	Clear

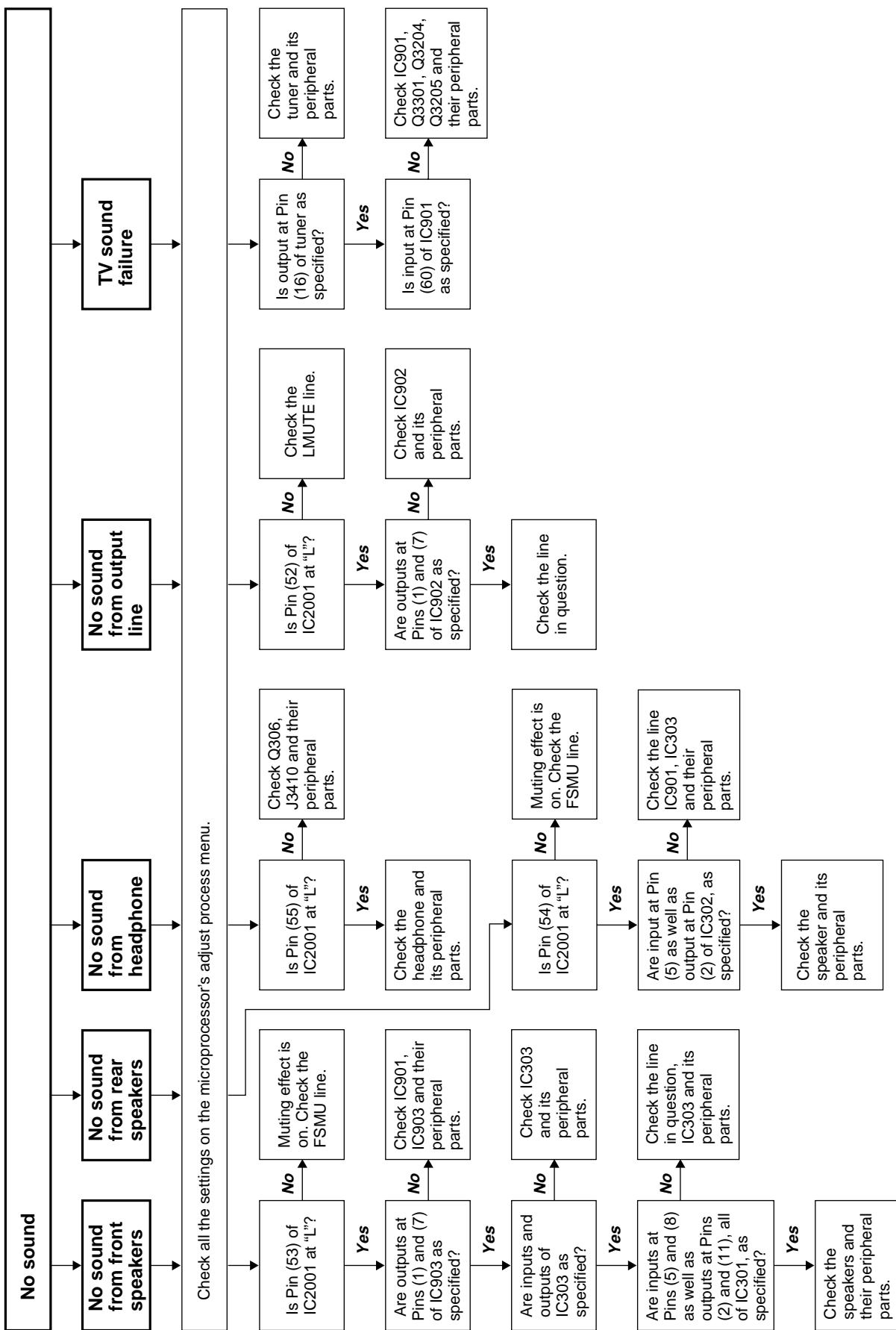
TROUBLE SHOOTING TABLE



TROUBLE SHOOTING TABLE (Continued)

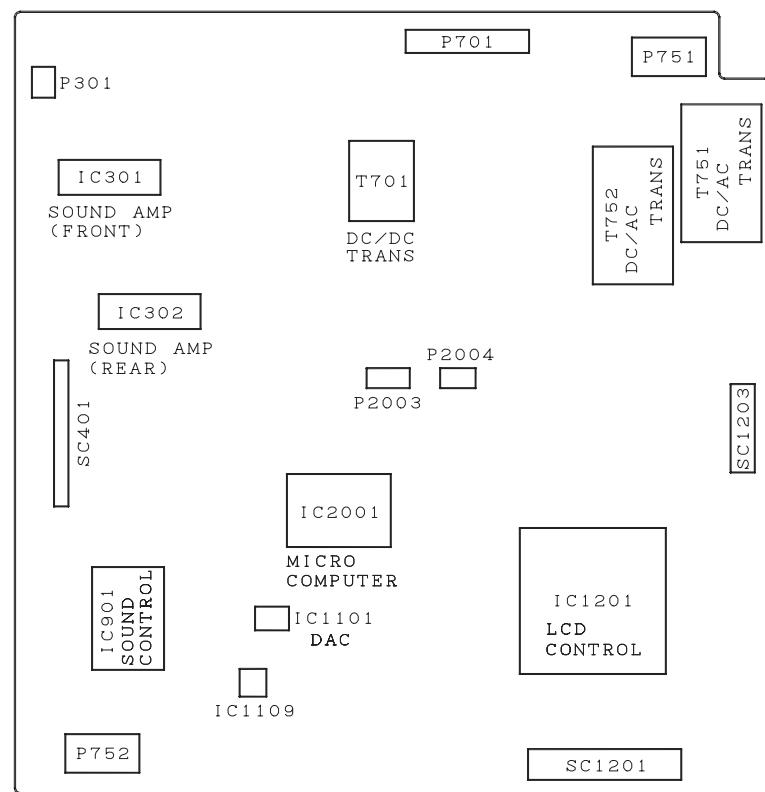


TROUBLE SHOOTING TABLE (Continued)

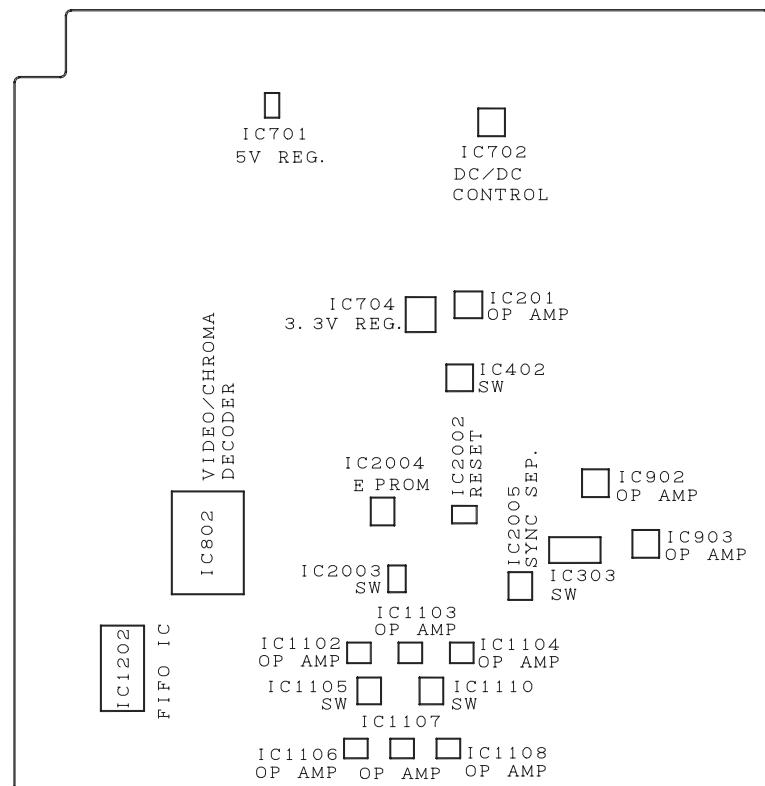


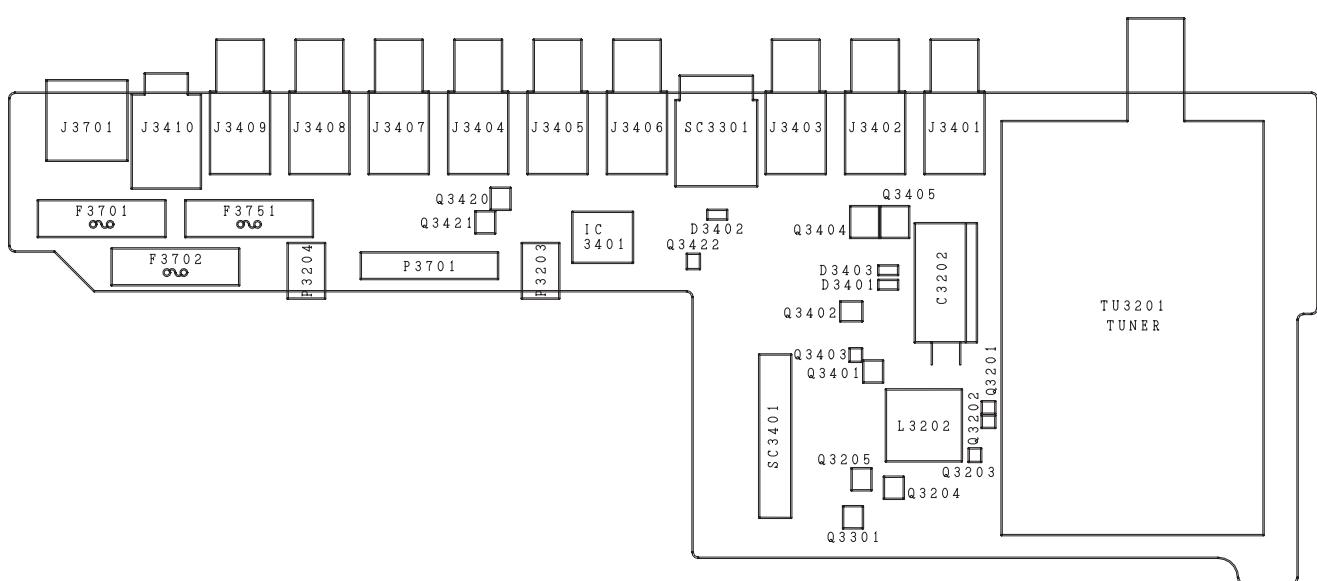
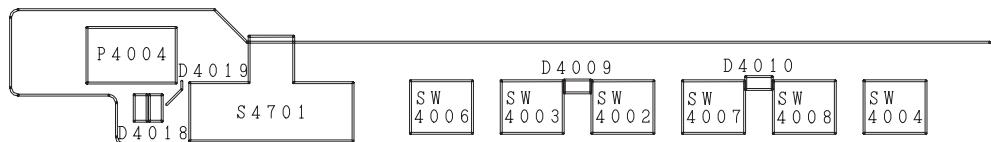
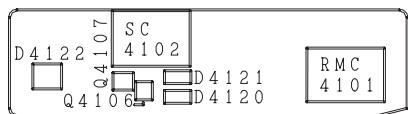
CHASSIS LAYOUT

MAIN Unit (Side-A)

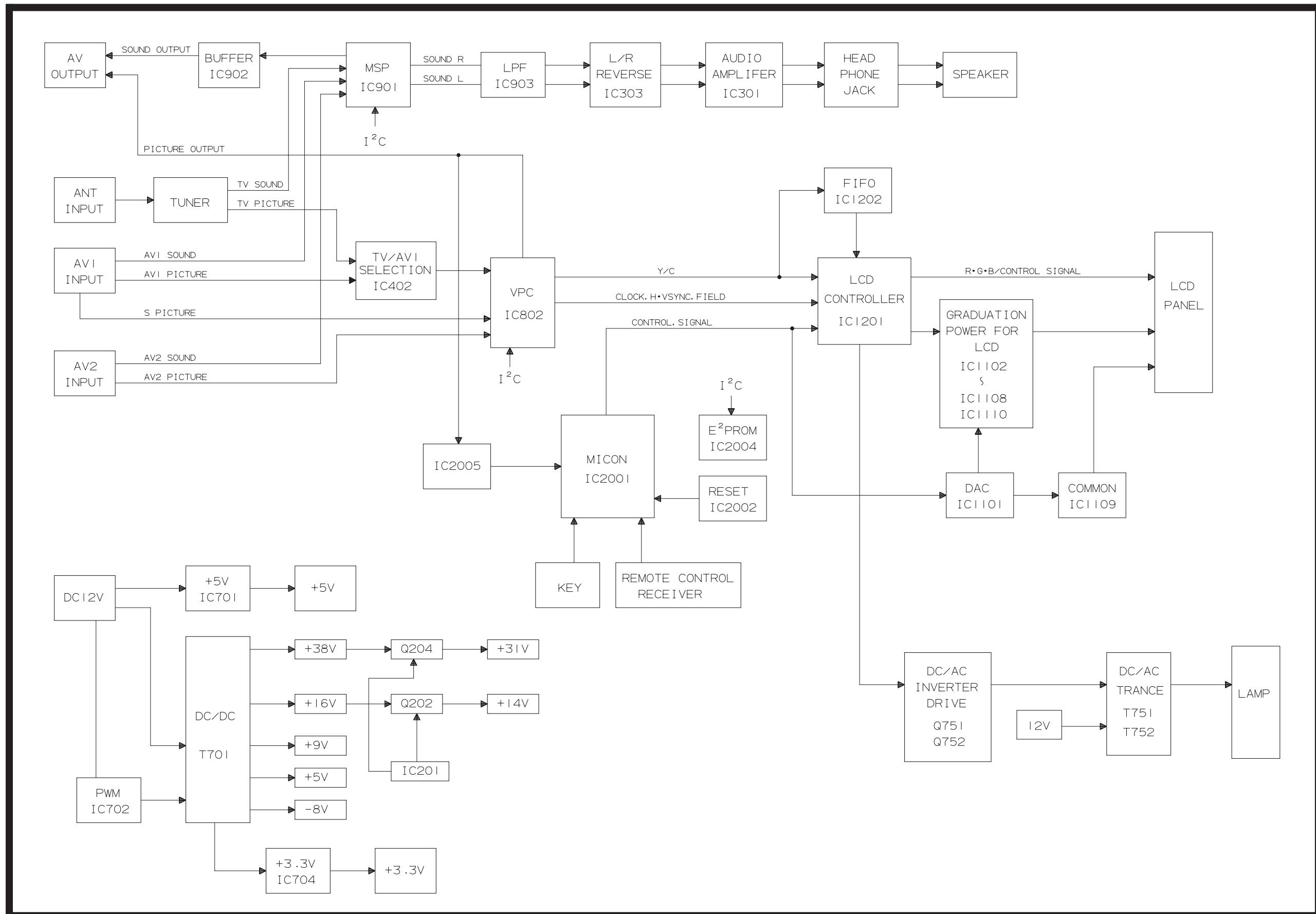


MAIN Unit (Side-B)



TERMINAL Unit**SWITCH Unit****R/C Unit**

BLOCK DIAGRAM



DESCRIPTION OF SCHEMATIC DIAGRAM

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET.

BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FORMAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

AVIS DE SECURITE IMPORTANT:

LES PIECES MARQUEES "⚠" () SONT IMPORTANTES POUR MAINTENIR LA SECURITE DE L'APPAREIL.

NE REMPLACER CES PIECES QUE PAR DES PIECES DONT LE NUMERO EST SPECIFIE POUR MAINTENIR LA SECURITE ET PROTEGER LE BON FONCTIONNEMENT DE L'APPAREIL.

1. When the exclusive-use AC adapter is used, the color bar signal of color bar generator for service is input to get the normal screen. When the audio is minimized, the voltage value is measured with the 20 kΩ/V tester.
2. When the exclusive-use AC adapter is used, the color density, lightness and color hue are set to the center position, and the signal of color bar generator for service is observed to get waveform.
The wave form test point is indicated with the mark (📍) in the wiring diagram.
3. Indication of resistors and capacitors

[Resistors]

Unit : Nonindication ... Ω, K...kΩ,
M ... MΩ

Error : Nonindication ... ±10%
J ... ±5%
F ... ±1%
D ... ±0.5%

[Capacitor]

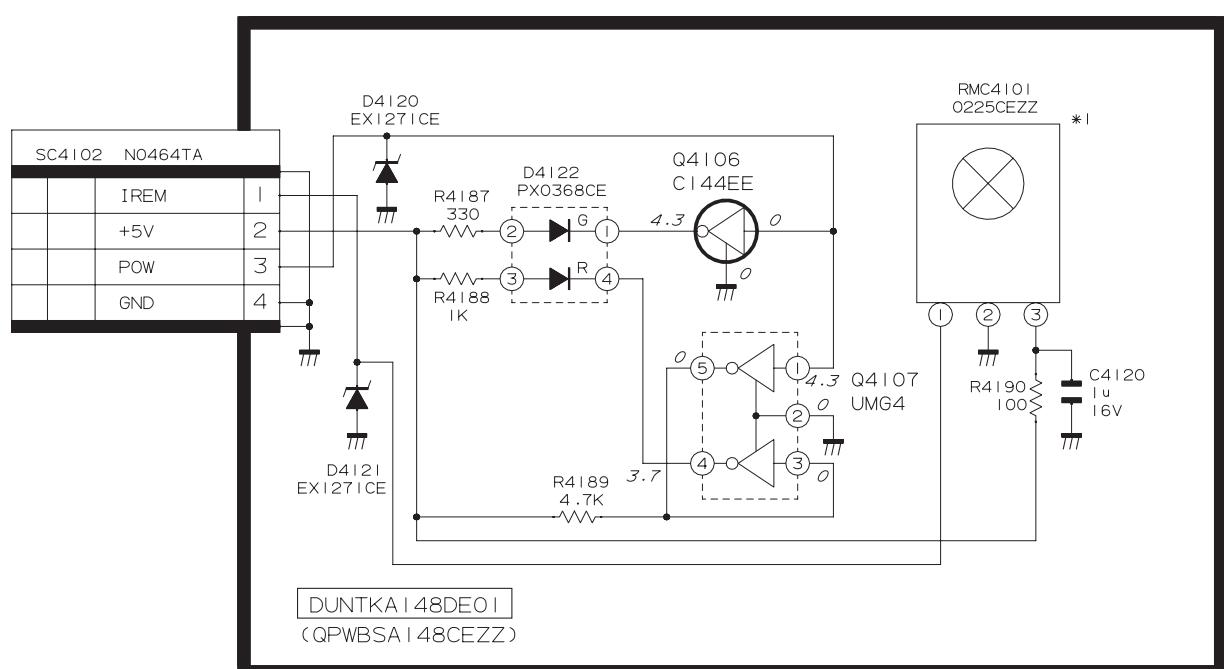
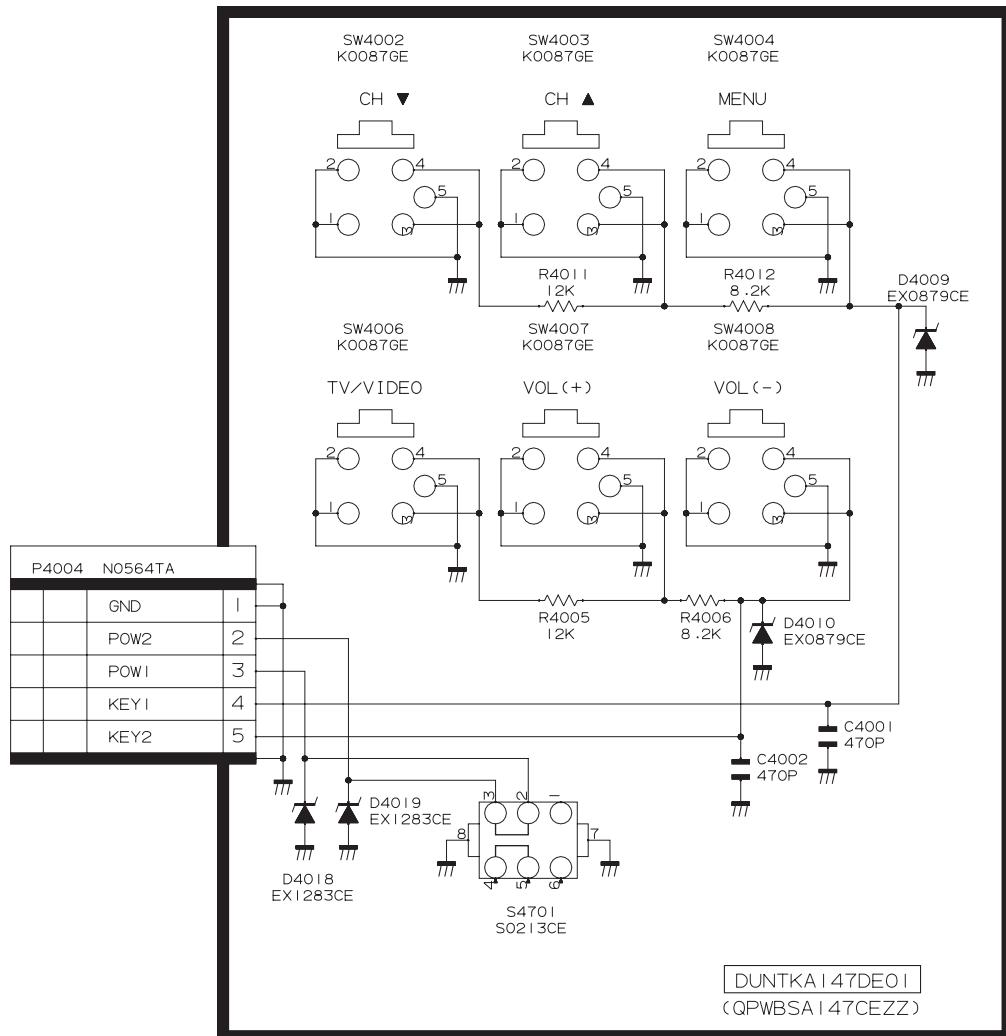
Unit : Nonindication or μ ... μF,
P or p ... pF

[Item]

Resistors	
Nonindication	Carbon-film resistor
(C)	Solid resistor
(S)	Metal-oxide-film resistor
(N)	Metal-film resistor
(W)	Cement resistor
(T)	Special resistor

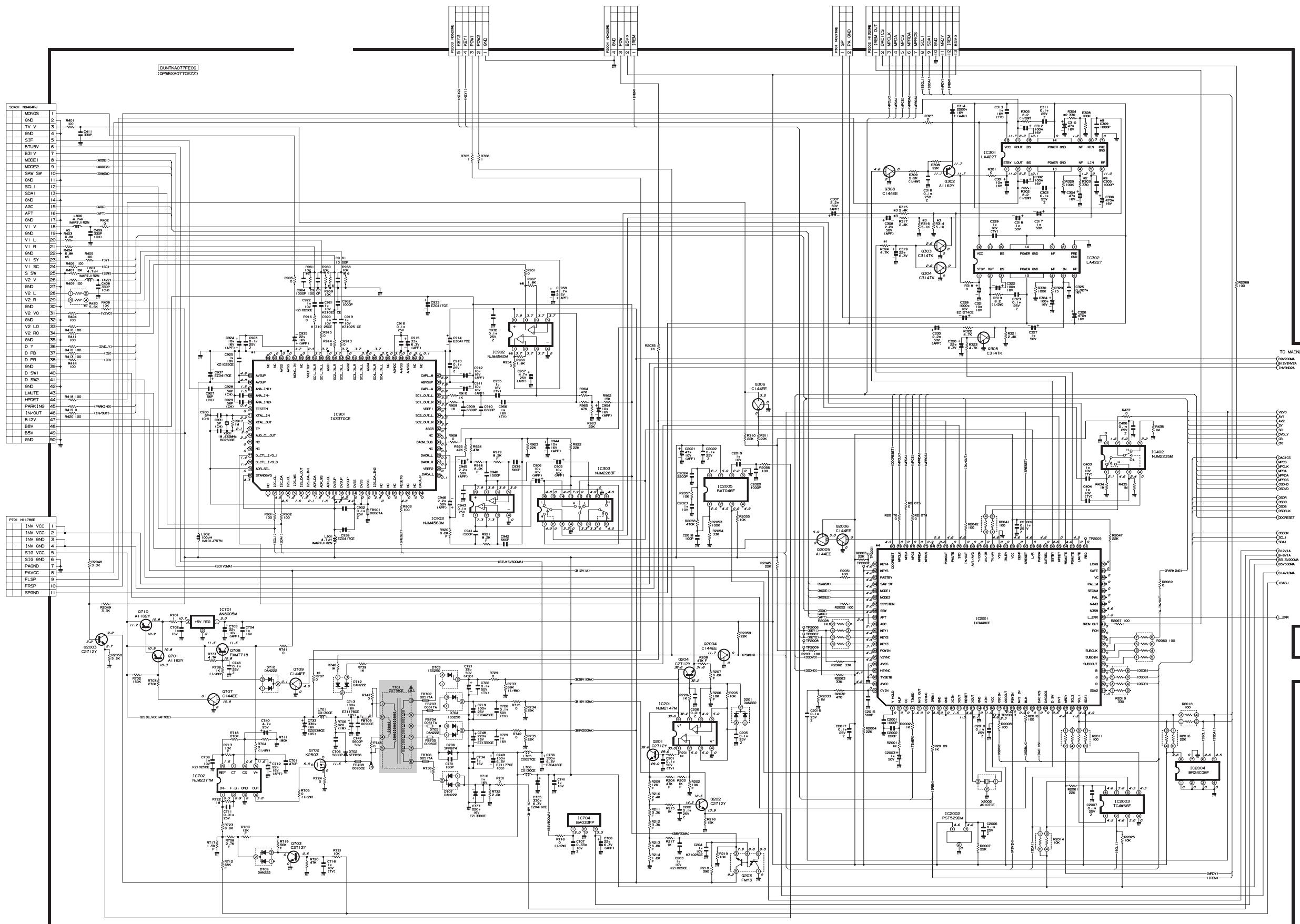
Capacitors	
Nonndication	Ceramic capacitor
ML	Mylar capacitor
PF	Polypropylene
film capacitor	
TA	Tantalum capacitor
Styrol capacitor	

■ SWITCH and R/C Unit



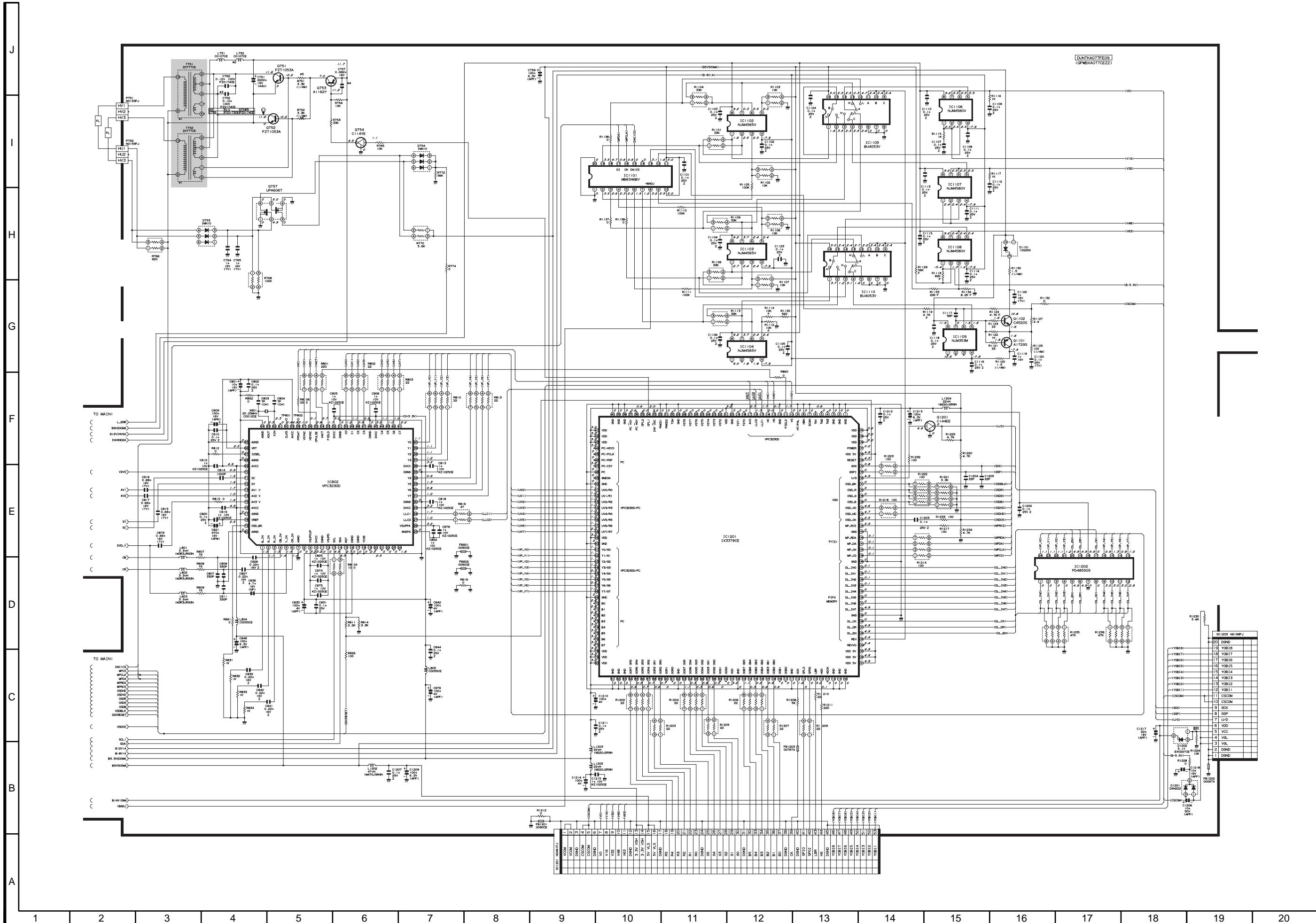
■ MAIN Unit -1/2

! AND SHADED COMPONENTS=SAFETY RELATED PARTS



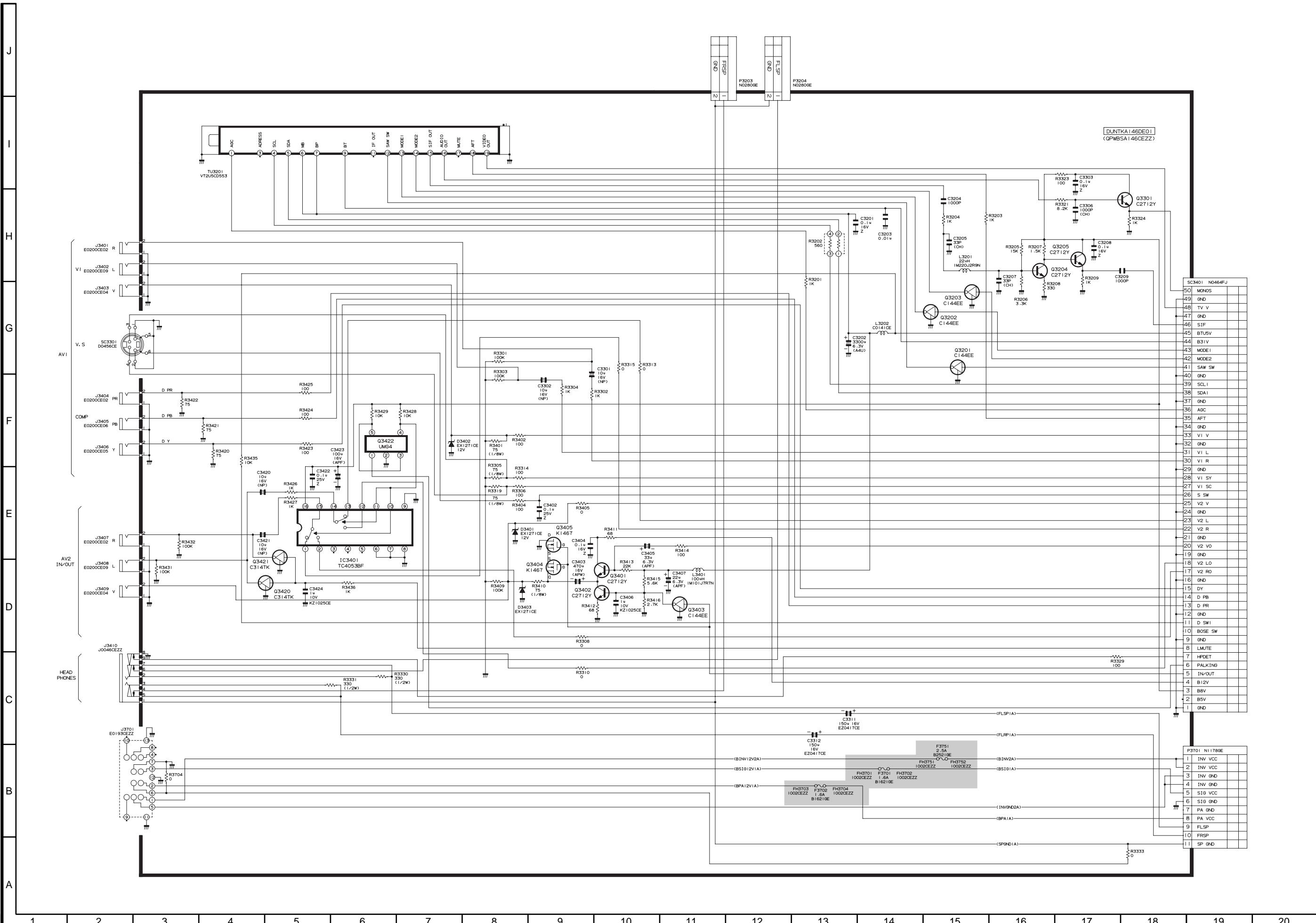
■ MAIN Unit -2/2

⚠ AND SHADED COMPONENTS=SAFETY RELATED PARTS

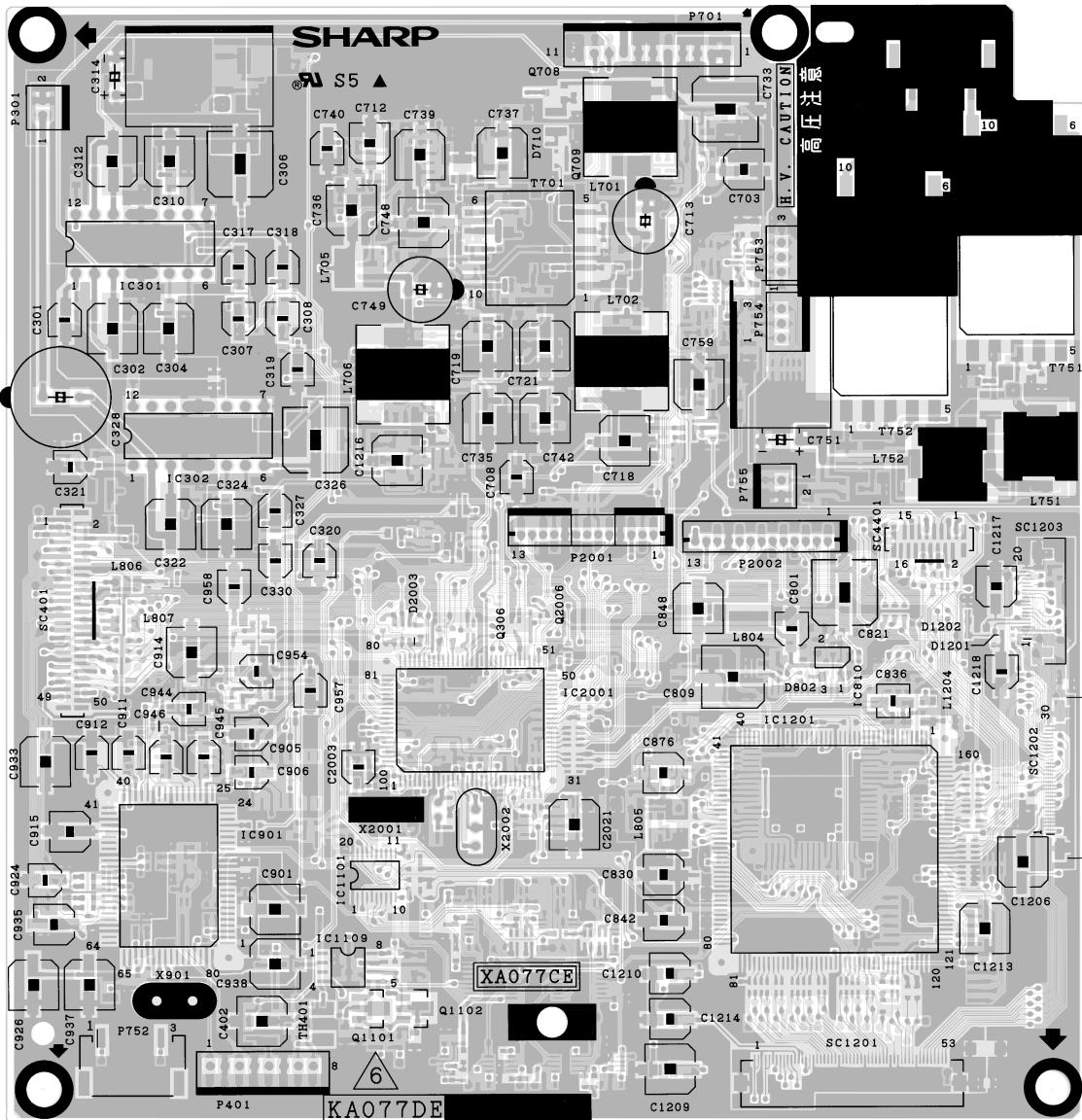


■ TERMINAL Unit

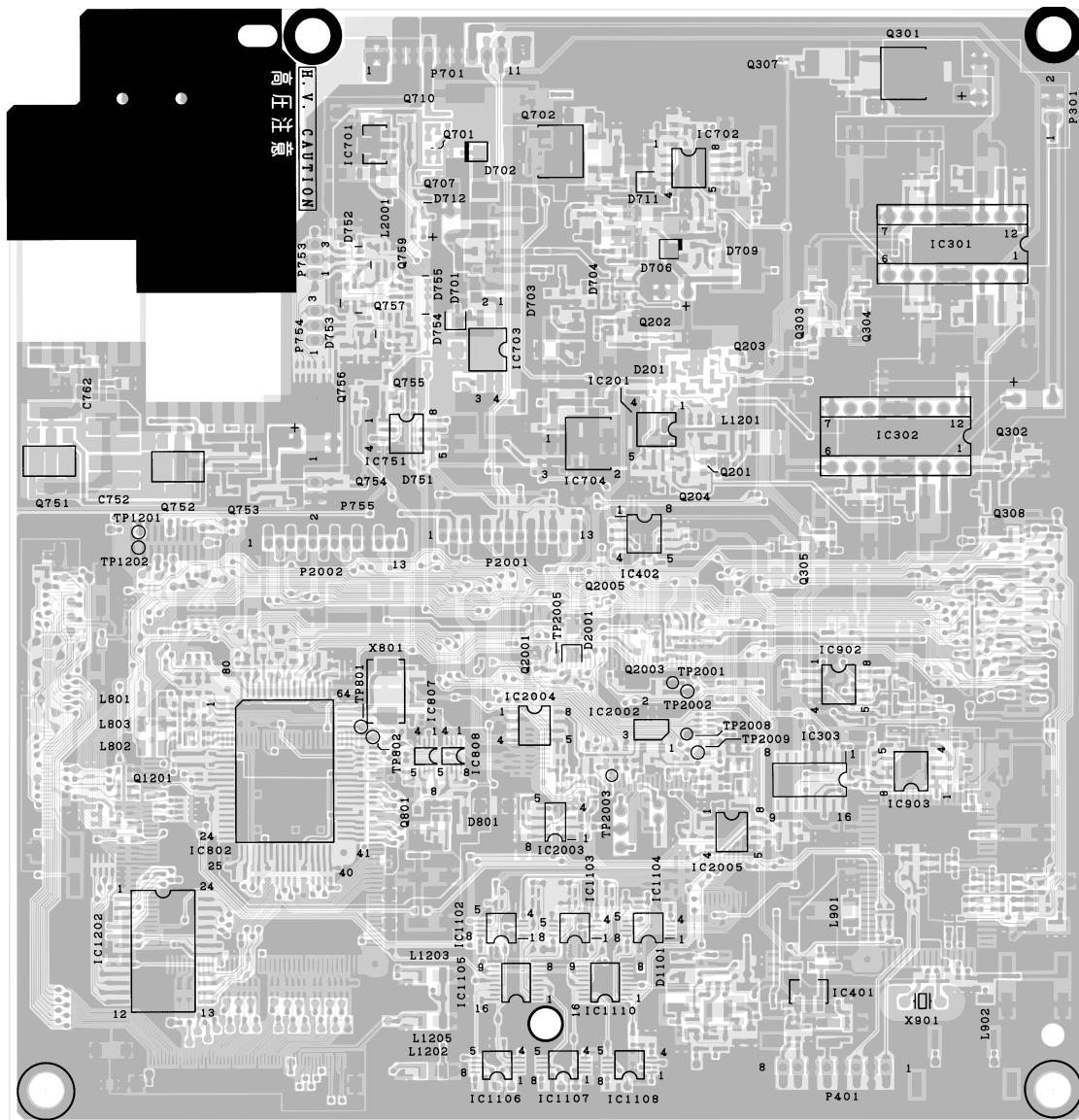
AND SHADED COMPONENTS=SAFETY RELATED PARTS



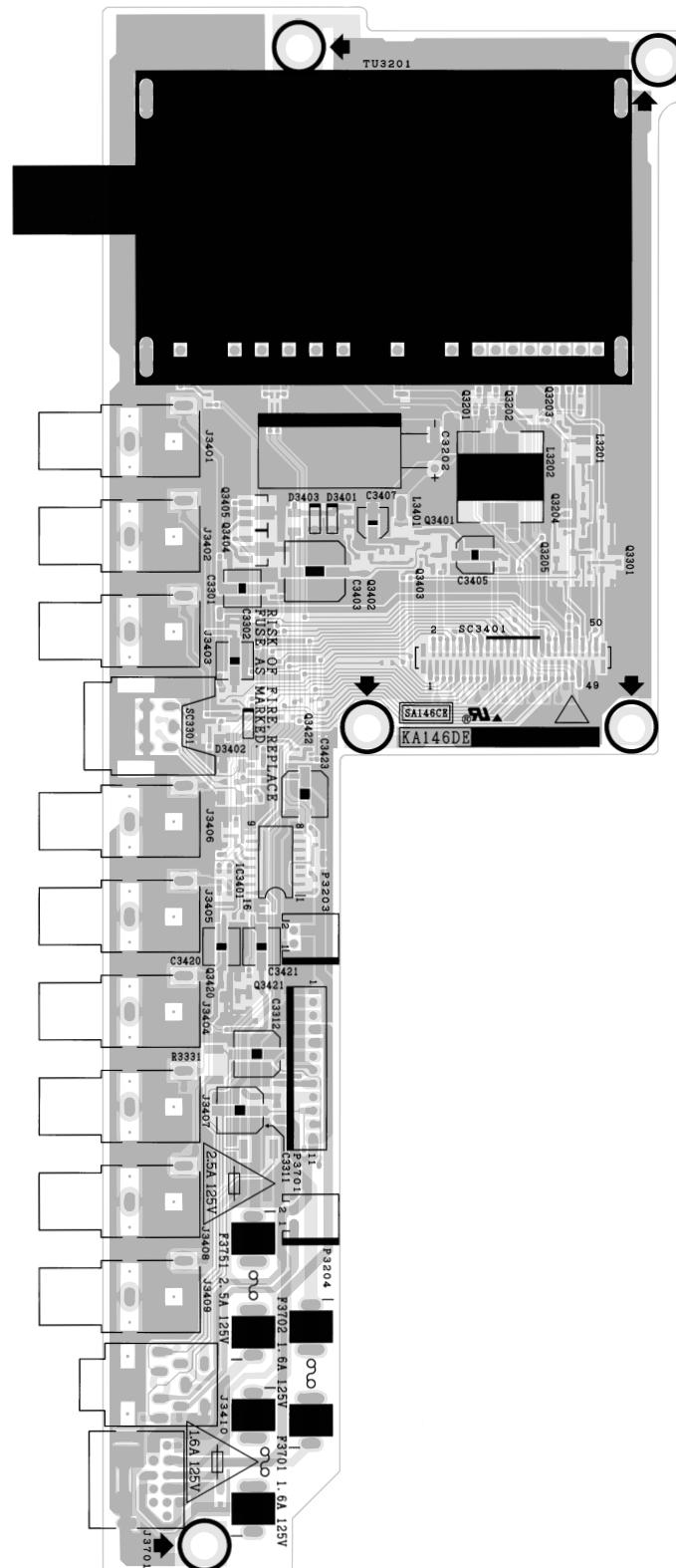
PRINTED WIRING BOARD ASSEMBLIES



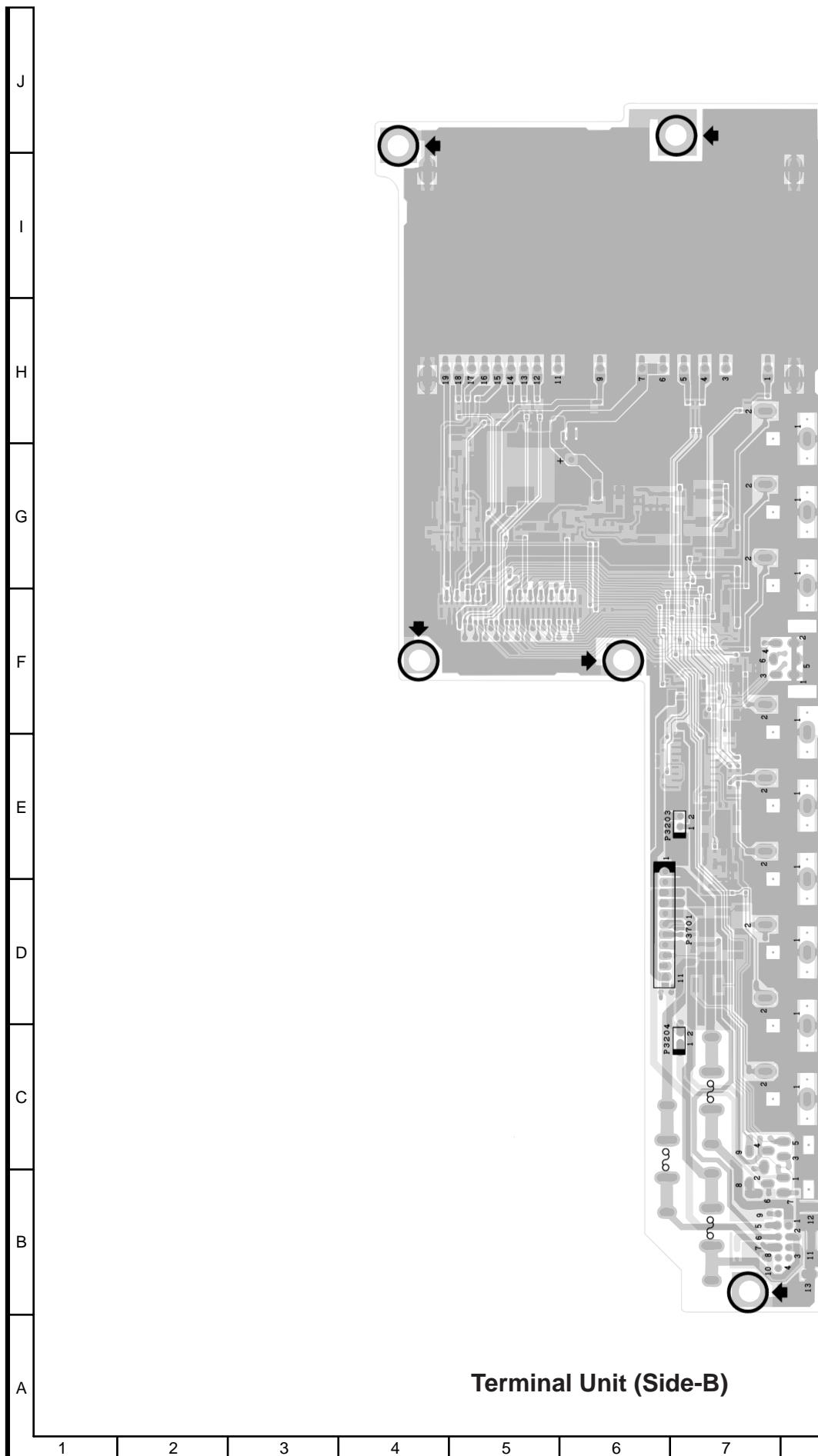
Main Unit (Side-A)



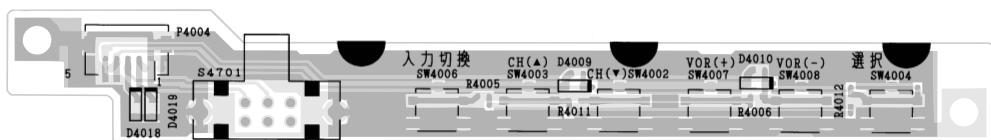
Main Unit (Side-B)



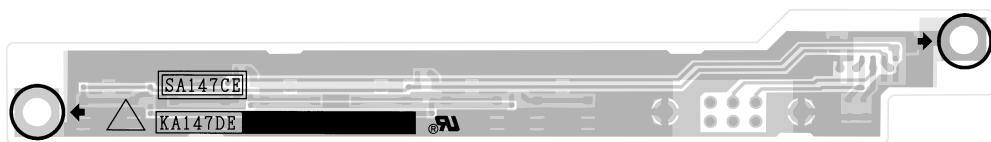
Terminal Unit (Side-A)



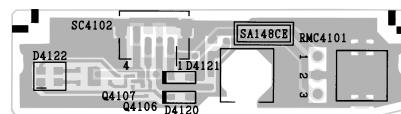
Terminal Unit (Side-B)

J
I
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Switch Unit (Side-A)



Switch Unit (Side-B)



R/C Unit (Side-A)



R/C Unit (Side-B)

1 2 3 4 5 6 7 8 9 10

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "⚠" and shaded area in the Replacement Parts Lists and schematic diagrams.

The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER	2. REF. NO.
3. PART NO.	4. DESCRIPTION

in USA : Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free: 1-800-BE SHARP

MARK★: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code
LCD MODULE UNIT				
	RLCDT0058CEZZ	J	LCD Module Unit	DQ
LAMP UNIT				
⚠	KLMP-0098CEZZ	J	Lamp Unit	BA
PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)				
DUNTKA077FE09	—	—	Main PWB Unit	—
DUNTKA146DE01	—	—	Terminal PWB Unit	—
DUNTKA147DE01	—	—	Switch PWB Unit	—
DUNTKA148DE01	—	—	R/C PWB Unit	—

LISTE DES PIECES

CHANGE DES PIECES

Les pièces de rechange qui présentent ces caractéristiques spéciales de sécurité, sont identifiées dans ce manuel : les pièces électriques qui présentent ces particularités, sont repérée par la marque "⚠" et sont hachurées dans les listes de pièces et dans les diagrammes schématiques.

La substitution d'une pièce de rechange par une autre qui ne présente pas les mêmes caractéristiques de sécurité que la pièce recommandée par l'usine et repérée dans ce manuel de service, peut provoquer une électrocution, un incendie ou tout autre sinistre.

"COMMENT COMMANDER LES PIECES DE RECHANGE"

Pour que votre commande soit rapidement et correctement remplie, veuillez fournir les renseignements suivants.

1. NUMERO DU MODELE	2. NO. DE REF
3. NO. DE PIECE	4. DESCRIPTION

in CANADA : Contact SHARP Electronics of Canada Limited Phone (416) 890-2100

MARK★: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code
DUNTKA077FE09 MAIN PWB UNIT				
			INTEGRATED CIRCUITS	
IC201	VHiNJM2147M-1	J	NJM2147M	AF
IC301	VHiLA4227//1	J	LA4227, Audio Amplifier	AG
IC302	VHiLA4227//1	J	LA4227	AG
IC303	VHiNJM2283F-1	J	NJM2283M, L/R Reverse	AF
IC402	VHiNJM2235M-1	J	NJM2235M, TV/AV1 Selection	AE
IC701	VHiAN8005M-1	J	AN8005M	AD
IC702	VHiNJM2377M-1	J	NJM2377M, PWM	AK
IC704	VHiBA033FP-1	J	BA033FP	AG
IC802	VHiVPC3230D-1	J	VPC3230D, VPC	BG
IC901	RH-iX3370CEZZ	J	IX3370CE, MSP	AZ
IC902	VHiNJM4560M-1	J	NJM4560M, Buffer	AG
IC903	VHiNJM4560M-1	J	NJM4560M, LPF	AG
IC1101	VHiMB8346BV-1	J	MB8346BV, DAC	AN
IC1102	VHiNJM4565V-1	J	NJM4565V	AF
IC1103	VHiNJM4565V-1	J	NJM4565V	AF
IC1104	VHiNJM4565V-1	J	NJM4565V	AF
IC1105	VHiBU4053V-1	J	BU4053V	AE
IC1106	VHiNJM4580V-1	J	NJM4580V	AE
IC1107	VHiNJM4580V-1	J	NJM4580V	AE
IC1108	VHiNJM4580V-1	J	NJM4580V	AE
IC1109	VHiNJM353M-1	J	NJM353M, COMMON	AG
IC1110	VHiBU4053V-1	J	BU4053V	AE
IC1201	RH-iX3378CEZZ	J	IX3378CE, LCD Controller	AY
IC1202	VHiPD485505-2	J	PD485505	AY
IC2001	RH-iX3448CEZZ	J	IX3448CEN, Micon	BA
IC2002	VHiPST529DM-1	J	PST529DM, Reset	AE
IC2003	VHiTC4W66F-1	J	TC4W66F	AE
IC2004	VHiBR24C08F-1	J	BR24C08F, E ² PROM	AF
IC2005	VHiBA7046F-1	J	BA7046F	AF
TRANSISTORS				
Q201	VS2SC2712Y-1	J	2SC2712Y	AB
Q202	VS2SC2712Y-1	J	2SC2712Y	AB
Q203	VSFMY3///-1	J	FMY3	AB
Q204	VS2SC2712Y-1	J	2SC2712Y	AB
Q302	VS2SA1162Y-1	J	2SA1162Y	AB
Q303	VSDTC314TK-1	J	DTC314TK	AC
Q304	VSDTC314TK-1	J	DTC314TK	AC
Q305	VSDTC314TK-1	J	DTC314TK	AC
Q306	VSDTC144EE-1	J	DTC144EE	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA077FE09 MAIN PWB UNIT(Continued)									
Q308	VSDTC144EE/-1	J	DTC144EE	AA	C201	VCKYTV1HF104Z	J	0.1	50V Ceramic
Q701	VS2SA1162Y/-1	J	2SA1162Y	AB	C202	VCKYCY1EF104Z	J	0.1	25V Ceramic
Q702	VS2SK2503/-1	J	2SK2503	AE	C203	RC-KZ1025CEZZ	J	1	10V Ceramic
Q703	VS2SC2712Y/-1	J	2SC2712Y	AB	C204	RC-KZ1025CEZZ	J	1	10V Ceramic
Q707	VSDTC144EE/-1	J	DTC144EE	AA	C205	VCKYCY1EF104Z	J	0.1	25V Ceramic
Q708	VSFMMT718//1	J	FFMMT718	AE	C206	VCKYCY1HF103Z	J	0.01	50V Ceramic
Q709	VSDTC144EE/-1	J	DTC144EE	AA	C301	VCEAPF1CN106M	J	10	16V Electrolytic
Q710	VS2SA1162Y/-1	J	2SA1162Y	AB	C302	VCEAPF1CN107M	J	100	16V Electrolytic
Q751	VSFZT1053A/-1	J	FZT1053A	AG	C303	VCKYCY1EF104Z	J	0.1	25V Ceramic
Q752	VSFZT1053A/-1	J	FZT1053A	AG	C304	VCEAPF1CN476M	J	47	16V Electrolytic
Q753	VS2SA1162Y/-1	J	2SA1162Y	AB	C305	VCKYCY1HB102K	J	1000p	50V Ceramic
Q754	VSDTC114YE/-1	J	DTC114YE	AB	C306	VCEAPW1CN477M	J	470	16V Electrolytic
Q757	VSUPA606T//1	J	UPA606T	AD	C307	VCEAPF1HN225M	J	2.2	50V Electrolytic
Q1101	VS2SA1729S/-1	J	2SA1729S	AE	C308	VCEAPF1HN225M	J	2.2	50V Electrolytic
Q1102	VS2SC4520S/-1	J	2SC4520S	AF	C309	VCKYCY1HB102K	J	1000p	50V Ceramic
Q1201	VSDTC144EE/-1	J	DTC144EE	AA	C310	VCEAPF1CN476M	J	47	16V Electrolytic
Q2003	VS2SC2712Y/-1	J	2SC2712Y	AB	C311	VCKYCY1EF104Z	J	0.1	25V Ceramic
Q2004	VSDTC144EE/-1	J	DTC144EE	AA	C312	VCEAPF1CN107M	J	100	16V Electrolytic
Q2005	VSDTA144EE/-1	J	DTA144EE	AA	C313	VCKYTV1CF105Z	J	1	16V Ceramic
Q2006	VSDTC144EE/-1	J	DTC144EE	AA	C314	VCEA4U1CN228M	J	2200	16V Electrolytic
DIODES									
D201	VHDDAN222//1	J	DAN222	AA	C316	VCKYCY1EF104Z	J	0.1	25V Ceramic
D702	VHDSFPB56//2E	J	SFPB56	AC	C317	VCEAPF1HN105M	J	1	50V Electrolytic
D703	VHD1SS250//1E	J	1SS250	AB	C318	VCEAPF1HN105M	J	1	50V Electrolytic
D704	VHD1SS250//1E	J	1SS250	AB	C319	VCEAPF0JN226M	J	22	6.3V Electrolytic
D705	VHDDAN222//1	J	DAN222	AA	C320	VCEAPF0JN226M	J	22	6.3V Electrolytic
D706	VHDSFPB74//2E	J	SFPB74	AD	C321	VCEAPF1CN106M	J	10	16V Electrolytic
D707	VHDDAN222//1	J	DAN222	AA	C322	VCEAPF1CN107M	J	100	16V Electrolytic
D709	VHDDAN222//1	J	DAN222	AA	C323	VCKYCY1EF104Z	J	0.1	25V Ceramic
D710	VHDDAN222//1	J	DAN222	AA	C324	VCEAPF1CN107M	J	100	16V Electrolytic
D712	VHDDAN222//1	J	DAN222	AA	C325	VCKYCY1CB273K	J	0.027	16V Ceramic
D753	VHDI1MN10//1	J	IMN10	AB	C326	VCEAPW1CN477M	J	470	16V Electrolytic
D754	VHDI1MN10//1	J	IMN10	AB	C327	VCEAPF1HN105M	J	1	50V Electrolytic
D1101	VHD1SS250//1E	J	1SS250	AB	C328	RC-EZ1274CEZZ	J	1000	16V Electrolytic
D1201	VHDDAN222//1	J	DAN222	AA	C329	VCKYTV1CF105Z	J	1	16V Ceramic
D1202	RH-EX0227CEZZ	J	Zener Diode	AB	C330	VCEAPF1HN225M	J	2.2	50V Electrolytic
PACKAGED CIRCUITS									
X801	RCRSC0012CEZZ	J	Crystal, CRSC0012CE	AH	C403	VCKYTV1AB105K	J	1	10V Ceramic
X901	RCRSB0250GEZZ	J	Crystal, CRSB0250GE	AG	C404	VCKYTV1AB105K	J	1	10V Ceramic
FILTER									
X2002	RFILA0107CEZZ	J	Filter, FiLA0107CE	AD	C406	VCKYCY1EF104Z	J	0.1	25V Ceramic
COILS									
L701	RCiLC0130CEZZ	J	Coil, CiLC0130CE	AG	C408	VCCCCY1HH331J	J	330p	50V Ceramic
L705	RCiLC0057CEZZ	J	Coil, CiLC0057CE	AD	C409	VCCCCY1HH331J	J	330p	50V Ceramic
L706	RCiLC0130CEZZ	J	Coil, CiLC0130CE	AG	C411	VCCCCY1HH331J	J	330p	50V Ceramic
L751	RCiLC0107CEZZ	J	Coil, CiLC0107CE	AF	C701	VCCCCY1HH471J	J	470p	50V Ceramic
L752	RCiLC0107CEZZ	J	Coil, CiLC0107CE	AF	C702	VCKYTV1CF105Z	J	1	16V Ceramic
L801	VP-1M3R3JR93N	J	Peaking, 3.3μH	AB	C703	VCEAPF1CN226M	J	22	16V Electrolytic
L802	VP-1M3R3JR93N	J	Peaking, 3.3μH	AB	C704	VCKYTV1CF105Z	J	1	16V Ceramic
L803	VP-1M3R3JR93N	J	Peaking, 3.3μH	AB	C706	VCKYCY1HB562K	J	5600p	50V Ceramic
L804	RCiLC0055CEZZ	J	Coil, CiLC0055CE	AD	C707	VCKYCY1CF334Z	J	0.33	16V Ceramic
L805	RCiLC0055CEZZ	J	Coil, CiLC0055CE	AD	C708	VCEAPF0JN226M	J	22	6.3V Electrolytic
L806	VP-1M4R7J1R2N	J	Peaking, 4.7μH	AB	C710	VCKYTV1CF105Z	J	1	16V Ceramic
L807	VP-1M4R7J1R2N	J	Peaking, 4.7μH	AB	C711	VCKYCY1EB103K	J	0.01	25V Ceramic
L901	VP-1M4R7J1R2N	J	Peaking, 4.7μH	AB	C712	VCEAPF1CN226M	J	22	16V Electrolytic
L902	VP-1M101J7R7N	J	Peaking, 100μH	AC	C713	RC-EZ1176CEZZ	J	100	16V Electrolytic
L1202	VP-1M470J5R4N	J	Peaking, 47μH	AC	C716	VCKYTV1CF105Z	J	1	16V Ceramic
L1203	VP-1M220J2R9N	J	Peaking, 22μH	AC	C719	RC-EZ0420CEZZ	J	100	25V Electrolytic
L1204	VP-1M220J2R9N	J	Peaking, 22μH	AC	C721	VCEASD1HN336M	J	33	50V Electrolytic
L1205	VP-1M220J2R9N	J	Peaking, 22μH	AC	C722	VCKYTV1HF104Z	J	0.1	50V Ceramic
TRANSFORMERS									
▲ T701	RTRNZ0778CEZZ	J	Transformer	AM	C728	VCKYTV1HF104Z	J	0.1	50V Ceramic
▲ T751	RTRNZ0777CEZZ	J	Transformer	AM	C729	VCKYTV1CF105Z	J	1	16V Ceramic
▲ T752	RTRNZ0777CEZZ	J	Transformer	AM	C731	VCCCCY1HH181J	J	180p	50V Ceramic
CAPACITORS									
C201	VCKYTV1HF104Z	J	0.1	50V Ceramic	C733	RC-EZ0538CEZZ	J	330	16V Electrolytic
C202	VCKYCY1EF104Z	J	0.1	25V Ceramic	C734	VCKYTV1CF105Z	J	1	16V Ceramic
C203	RC-KZ1025CEZZ	J	1	10V Ceramic	C735	RC-EZ0416CEZZ	J	330	6.3V Electrolytic
C204	RC-KZ1025CEZZ	J	1	10V Ceramic	C736	RC-EZ0416CEZZ	J	330	6.3V Electrolytic
C205	VCKYCY1EF104Z	J	0.1	25V Ceramic	C737	RC-EZ1339CEZZ	J	220	16V Electrolytic
C206	VCKYCY1HF103Z	J	0.01	50V Ceramic	C738	RC-KZ1025CEZZ	J	1	10V Ceramic
C301	VCEAPF1CN106M	J	10	16V Electrolytic	C740	VCEAPF1EN475M	J	4.7	25V Electrolytic
C302	VCEAPF1CN107M	J	100	16V Electrolytic	C741	VCKYTV1CF105Z	J	1	16V Ceramic
C303	VCKYCY1EF104Z	J	0.1	25V Ceramic	C746	VCKYCY1EF104Z	J	0.1	25V Ceramic
C304	VCEAPF1CN476M	J	47	16V Electrolytic	C747	VCKYTV1HB562K	J	5600p	50V Ceramic
C305	VCKYCY1HB102K	J	1000p	50V Ceramic	C748	RC-EZ1339CEZZ	J	220	16V Electrolytic
C306	VCEAPW1CN477M	J	470	16V Electrolytic	C749	RC-EZ1177CEZZ	J	150	6.3V Electrolytic
C307	VCEAPF1HN225M	J	2.2	50V Electrolytic	C751	VCEA4U1CN228M	J	2200	16V Electrolytic
C308	VCEAPF1HN225M	J	2.2	50V Electrolytic	C752	RC-FZ0174CEZZ	J	0.12	100V Ceramic
C309	VCKYCY1HB102K	J	1000p	50V Ceramic	C757	VCKYCY1CB823K	J	0.082	16V Ceramic

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code					
DUNTKA077FE09 MAIN PWB UNIT(Continued)														
C759	VCEAPF0JN107M	J 100	6.3V Electrolytic	AD	C940	VCKYCY1HB152K	J 1500p	50V Ceramic	AA					
C762	RC-FZ0174CEZZ	J 0.12	100V Ceramic	AG	C941	VCKYCY1HB152K	J 1500p	50V Ceramic	AA					
C764	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C942	VCKYCY1HB561K	J 560p	50V Ceramic	AA					
C765	VCKYTV1CF105Z	J 1	16V Ceramic	AB	C943	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C801	VCEAPF1CN106M	J 10	16V Electrolytic	AD	C944	VCEAPF1CW106M	J 10	16V Electrolytic	AB					
C802	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C945	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB					
C803	VCCCCY1HH7R0D	J 7p	50V Ceramic	AA	C946	VCEAPF1HW225M	J 2.2	50V Electrolytic	AB					
C804	VCCCCY1HH7R0D	J 7p	50V Ceramic	AA	C954	VCEAPF1CW106M	J 10	16V Electrolytic	AB					
C805	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C955	VCKYTV1CF105Z	J 1	16V Ceramic	AB					
C806	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C956	VCKYTV1CF105Z	J 1	16V Ceramic	AB					
C807	VCKYCY1HB331K	J 330p	50V Ceramic	AA	C957	VCEAPF1EW475M	J 4.7	25V Electrolytic	AB					
C808	VCKYCY1HB331K	J 330p	50V Ceramic	AA	C958	VCEAPF1EW475M	J 4.7	25V Electrolytic	AB					
C809	VCEAPK1CN107M	J 100	16V Electrolytic	AD	C961	VCKYCY1HB102K	J 1000p	50V Ceramic	AA					
C810	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C962	VCKYCY1HB102K	J 1000p	50V Ceramic	AA					
C811	VCKYCY1HB331K	J 330p	50V Ceramic	AA	C963	VCKYCY1HB102K	J 1000p	50V Ceramic	AA					
C812	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C964	VCKYCY1HB102K	J 1000p	50V Ceramic	AA					
C813	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1101	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C814	VCKYCY1HB102K	J 1000p	50V Ceramic	AA	C1102	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C815	VCKYTV1CF684Z	J 0.68	16V Ceramic	AB	C1103	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C816	VCKYTV1CF684Z	J 0.68	16V Ceramic	AB	C1104	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C817	VCKYTV1CF684Z	J 0.68	16V Ceramic	AB	C1105	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C818	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1106	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C819	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1107	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C820	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1108	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C821	VCEAPW1CN477M	J 470	16V Electrolytic	AE	C1109	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C822	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1110	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C825	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1111	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C826	VCKYCY1CF224Z	J 0.22	16V Ceramic	AA	C1112	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C827	VCKYCY1CF224Z	J 0.22	16V Ceramic	AA	C1113	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C830	VCEAPF0GW107M	J 100	4V Electrolytic	AC	C1114	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C831	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1115	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C836	VCE9PF1CN475M	J 4.7	16V Electrolytic	AD	C1116	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C839	VCKYCY1CF224Z	J 0.22	16V Ceramic	AA	C1117	VCCCCY1HH560J	J 56p	50V Ceramic	AA					
C840	VCKYCY1CF224Z	J 0.22	16V Ceramic	AA	C1118	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C841	VCKYCY1CF224Z	J 0.22	16V Ceramic	AA	C1119	VCKYTV1CF105Z	J 1	16V Ceramic	AB					
C842	VCEAPF0GW107M	J 100	4V Electrolytic	AC	C1120	VCKYTV1EF104Z	J 0.1	25V Ceramic	AB					
C844	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1122	VCKYTV1CF105Z	J 1	16V Ceramic	AB					
C848	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC	C1123	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C874	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1124	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C875	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1202	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C876	VCEAPF0GW107M	J 100	4V Electrolytic	AC	C1203	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C878	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C1204	VCCCCY1HH220J	J 22p	50V Ceramic	AA					
C879	VCKYTV1CF684Z	J 0.68	16V Ceramic	AB	C1205	VCCCCY1HH220J	J 22p	50V Ceramic	AA					
C902	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1206	VCEAPF1CN107M	J 100	16V Electrolytic	AD					
C905	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C1207	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C906	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C1209	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC					
C909	VCKYCY1HB682K	J 6800p	50V Ceramic	AA	C1210	VCEAPF0GW107M	J 100	4V Electrolytic	AC					
C910	VCKYCY1HB682K	J 6800p	50V Ceramic	AA	C1211	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C911	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C1212	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C912	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C1213	VCEAPF0JW107M	J 100	6.3V Electrolytic	AC					
C913	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1214	VCEAPF0GW107M	J 100	4V Electrolytic	AC					
C914	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	C1215	RC-KZ1025CEZZ	J 1	10V Ceramic	AB					
C915	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	C1217	VCEAPF1CW226M	J 22	16V Electrolytic	AB					
C916	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C1218	VCEAPF1CN106M	J 10	16V Electrolytic	AD					
C919	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C2001	VCKYCY1HB102K	J 1000p	50V Ceramic	AA					
C920	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C2002	VCCCCY1HH221J	J 220p	50V Ceramic	AA					
C921	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C2003	VCEAPF1HW105M	J 1	50V Electrolytic	AB					
C922	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C2006	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C923	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2007	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C924	VCEAPF1CW106M	J 10	16V Electrolytic	AB	C2009	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C925	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	C2010	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C927	VCCCCY1HH560J	J 56p	50V Ceramic	AA	C2015	VCKYCY1HB561K	J 560p	50V Ceramic	AA					
C928	VCCCCY1HH560J	J 56p	50V Ceramic	AA	C2016	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C929	VCCCCY1HH560J	J 56p	50V Ceramic	AA	C2017	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C930	VCCCCY1HH5R0C	J 5p	50V Ceramic	AA	C2018	VCCCCY1HH101J	J 100p	50V Ceramic	AA					
C931	VCCCCY1HH5R0C	J 5p	50V Ceramic	AA	C2019	VCKYTV1AB105K	J 1	10V Ceramic	AD					
C932	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2020	VCKYCY1HB102K	J 1000p	50V Ceramic	AA					
C933	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	C2021	VCEAPF1AW476M	J 47	10V Electrolytic	AB					
C935	VCEAPF1CW226M	J 22	16V Electrolytic	AB	C2022	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
C937	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	C2023	VCKYTV1AB105K	J 1	10V Ceramic	AD					
C938	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	C2024	VCKYCY1HB222K	J 2200p	50V Ceramic	AA					
C939	VCKYCY1HB561K	J 560p	50V Ceramic	AA	RESISTORS									
					R201	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide	AA				
					R202	VRS-CY1JF103F	J 10k	1/16W	Metal Oxide	AA				

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA077FE09 MAIN PWB UNIT(Continued)									
R203	VRS-CY1JF102F	J 1k	1/16W	Metal Oxide AA	R708	VRS-CY1JF272F	J 2.7k	1/16W	Metal Oxide AA
R204	VRS-CY1JF473F	J 47k	1/16W	Metal Oxide AA	R709	VRS-CY1JF123F	J 12k	1/16W	Metal Oxide AA
R205	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA	R711	VRS-CY1JF184J	J 180k	1/16W	Metal Oxide AA
R206	VRS-CY1JF103F	J 10k	1/16W	Metal Oxide AA	R712	VRS-CY1JF683F	J 68k	1/16W	Metal Oxide AA
R207	VRS-CY1JF622F	J 6.2k	1/16W	Metal Oxide AA	R713	VRS-CY1JF133F	J 13k	1/16W	Metal Oxide AA
R208	VRS-CY1JF473F	J 47k	1/16W	Metal Oxide AA	R715	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R209	VRS-CY1JF123F	J 12k	1/16W	Metal Oxide AA	R716	VRS-TX2HF000J	J 0	1/2W	Metal Oxide AA
R210	VRS-CY1JF242F	J 2.4k	1/16W	Metal Oxide AA	R717	VRS-CY1JF152F	J 1.5k	1/16W	Metal Oxide AA
R211	VRS-CY1JF332F	J 3.3k	1/16W	Metal Oxide AA	R718	VRS-CY1JF274J	J 270k	1/16W	Metal Oxide AA
R212	VRS-CY1JF332F	J 3.3k	1/16W	Metal Oxide AA	R719	VRS-CY1JF563F	J 56k	1/16W	Metal Oxide AA
R213	VRS-CY1JF682F	J 6.8k	1/16W	Metal Oxide AA	R720	VRS-CY1JF473J	J 47k	1/16W	Metal Oxide AA
R214	VRS-CY1JF22F	J 1.2k	1/16W	Metal Oxide AA	R721	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA
R215	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA	R722	VRS-CY1JF105J	J 1M	1/16W	Metal Oxide AA
R216	VRS-CY1JF153J	J 15k	1/16W	Metal Oxide AA	R723	VRS-CY1JF682J	J 6.8k	1/16W	Metal Oxide AA
R217	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA	R724	VRS-TQ2BD000J	J 0	1/8W	Metal Oxide AA
R218	VRS-CY1JF391J	J 390	1/16W	Metal Oxide AA	R725	VRS-CY1JF1R0J	J 1	1/16W	Metal Oxide AA
R219	VRS-TV1JD103J	J 10k	1/16W	Metal Oxide AA	R726	VRS-CY1JF1R0J	J 1	1/16W	Metal Oxide AA
R220	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA	R729	VRS-TQ2BD000J	J 0	1/8W	Metal Oxide AA
R301	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R731	VRS-TQ2BD000J	J 0	1/8W	Metal Oxide AA
R302	VRS-TX2HF8R2J	J 8.2	1/2W	Metal Oxide AA	R732	VRS-TW2ED222J	J 2.2k	1/4W	Metal Oxide AA
R303	VRS-CY1JF331J	J 330	1/16W	Metal Oxide AA	R733	VRS-TQ2BD683J	J 68k	1/8W	Metal Oxide AA
R304	VRS-CY1JF331J	J 330	1/16W	Metal Oxide AA	R734	VRS-CY1JF393J	J 39k	1/16W	Metal Oxide AA
R305	VRS-TX2HF8R2J	J 8.2	1/2W	Metal Oxide AA	R735	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA
R308	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA	R736	VRS-CY1JF1R0J	J 1	1/16W	Metal Oxide AA
R309	VRS-TW2ED222J	J 2.2k	1/4W	Metal Oxide AA	R737	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide AA
R310	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA	R738	VRS-TW2ED102J	J 1k	1/4W	Metal Oxide AA
R311	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA	R739	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA
R314	VRS-CY1JF512J	J 5.1k	1/16W	Metal Oxide AA	R740	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA
R315	VRS-CY1JF242J	J 2.4k	1/16W	Metal Oxide AA	R741	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R316	VRS-CY1JF512J	J 5.1k	1/16W	Metal Oxide AA	R742	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R317	VRS-CY1JF242J	J 2.4k	1/16W	Metal Oxide AA	R747	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R318	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R748	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R319	VRS-TX2HF8R2J	J 8.2	1/2W	Metal Oxide AA	R751	VRS-TW2ED332J	J 3.3k	1/4W	Metal Oxide AB
R320	VRS-CY1JF150J	J 15	1/16W	Metal Oxide AA	R752	VRS-TW2ED332J	J 3.3k	1/4W	Metal Oxide AB
R321	VRS-CY1JF242J	J 2.4k	1/16W	Metal Oxide AA	R753	VRS-CY1JF333J	J 33k	1/16W	Metal Oxide AA
R322	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide AA	R754	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA
R323	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide AA	R765	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA
R324	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide AA	R766	VRS-CA1JF821J	J 820	1/16W	Metal Oxide AA
R327	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R768	VRS-CA1JF104J	J 100k	1/16W	Metal Oxide AA
R328	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide AA	R770	VRS-CA1JF562J	J 5.6k	1/16W	Metal Oxide AA
R329	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide AA	R772	VRS-CY1JF563J	J 56k	1/16W	Metal Oxide AA
R330	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide AA	R774	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R401	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R801	VRS-CB1JF221J	J 220	1/16W	Metal Oxide AC
R402	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R802	VRS-CB1JF220J	J 22	1/16W	Metal Oxide AC
R403	VRS-CY1JF682J	J 6.8k	1/16W	Metal Oxide AA	R803	VRS-CB1JF220J	J 22	1/16W	Metal Oxide AC
R404	VRS-CY1JF682J	J 6.8k	1/16W	Metal Oxide AA	R804	VRS-CA1JF101J	J 100	1/16W	Metal Oxide AA
R405	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R806	VRS-CY1JF221J	J 220	1/16W	Metal Oxide AA
R406	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R807	VRS-CY1JF750J	J 75	1/16W	Metal Oxide AA
R407	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA	R808	VRS-CY1JF750J	J 75	1/16W	Metal Oxide AA
R408	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA	R809	VRS-CY1JF750J	J 75	1/16W	Metal Oxide AA
R409	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R810	VRS-CB1JF220J	J 22	1/16W	Metal Oxide AC
R410	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R811	VRS-CY1JF222J	J 2.2k	1/16W	Metal Oxide AA
R411	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R812	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R412	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R813	VRS-CB1JF220J	J 22	1/16W	Metal Oxide AC
R413	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R814	VRS-CY1JF332J	J 3.3k	1/16W	Metal Oxide AA
R414	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R815	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R418	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R816	VRS-CA1JF470J	J 47	1/16W	Metal Oxide AB
R419	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R819	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R420	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R826	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA
R424	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA	R831	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA
R430	VRS-CA1JF562J	J 5.6k	1/16W	Metal Oxide AA	R832	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA
R434	VRS-CY1JF105J	J 1M	1/16W	Metal Oxide AA	R833	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA
R435	VRS-CY1JF105J	J 1M	1/16W	Metal Oxide AA	R834	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA
R436	VRS-CY1JF105J	J 1M	1/16W	Metal Oxide AA	R852	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R437	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R860	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R701	VRS-CY1JF1R0J	J 1	1/16W	Metal Oxide AA	R861	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R702	VRS-CY1JF154J	J 150k	1/16W	Metal Oxide AA	R901	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA
R703	VRS-CY1JF274J	J 270k	1/16W	Metal Oxide AA	R902	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA
R704	VRS-TQ2BD000J	J 0	1/8W	Metal Oxide AA	R903	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA
R705	VRS-TX2HF000J	J 0	1/2W	Metal Oxide AA	R905	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R706	VRS-CR3AD821J	J 820	1W	Metal Oxide AC	R908	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
R707	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R909	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA
					R910	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA
					R913	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA
					R914	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code					
DUNTKA077FE09 MAIN PWB UNIT(Continued)														
R915	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R1217	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R916	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R1218	VRS-CA1JF101J	J 100	1/16W	Metal Oxide AA					
R917	VRS-CY1JF105J	J 1M	1/16W	Metal Oxide AA	R1220	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide AA					
R918	VRS-CY1JF822F	J 8.2k	1/16W	Metal Oxide AA	R1221	VRS-CB1JF332J	J 3.3k	1/16W	Metal Oxide AC					
R919	VRS-CY1JF822F	J 8.2k	1/16W	Metal Oxide AA	R1222	VRS-CB1JF101J	J 100	1/16W	Metal Oxide AA					
R920	VRS-CY1JF822F	J 8.2k	1/16W	Metal Oxide AA	R1223	VRS-CA1JF101J	J 100	1/16W	Metal Oxide AA					
R921	VRS-CY1JF822F	J 8.2k	1/16W	Metal Oxide AA	R1225	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide AA					
R922	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA	R1228	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA					
R923	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA	R1229	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA					
R924	VRS-CY1JF473J	J 47k	1/16W	Metal Oxide AA	R1230	VRS-CY1JF562J	J 5.6k	1/16W	Metal Oxide AA					
R925	VRS-CY1JF473J	J 47k	1/16W	Metal Oxide AA	R1232	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R951	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R1233	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R954	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R1234	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide AA					
R958	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA	R1235	VRS-CB1JF473J	J 47k	1/16W	Metal Oxide AC					
R959	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA	R1236	VRS-CB1JF473J	J 47k	1/16W	Metal Oxide AC					
R960	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA	R2001	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA					
R961	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA	R2002	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA					
R962	VRS-CY1JF153J	J 15k	1/16W	Metal Oxide AA	R2003	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA					
R963	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA	R2004	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA					
R964	VRS-CY1JF473J	J 47k	1/16W	Metal Oxide AA	R2007	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA					
R965	VRS-CY1JF473J	J 47k	1/16W	Metal Oxide AA	R2008	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R966	VRS-CY1JF182J	J 1.8k	1/16W	Metal Oxide AA	R2009	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA					
R967	VRS-CY1JF182J	J 1.8k	1/16W	Metal Oxide AA	R2010	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R968	VRS-CY1JF682J	J 6.8k	1/16W	Metal Oxide AA	R2011	VRS-CB1JF101J	J 100	1/16W	Metal Oxide AA					
R969	VRS-CY1JF682J	J 6.8k	1/16W	Metal Oxide AA	R2014	VRS-CA1JF103J	J 10k	1/16W	Metal Oxide AA					
R1101	VRS-CA1JF333J	J 33k	1/16W	Metal Oxide AA	R2016	VRS-CA1JF223J	J 22k	1/16W	Metal Oxide AA					
R1102	VRS-CA1JF103J	J 10k	1/16W	Metal Oxide AA	R2018	VRS-CA1JF101J	J 100	1/16W	Metal Oxide AA					
R1103	VRS-CA1JF103J	J 10k	1/16W	Metal Oxide AA	R2019	VRS-CB1JF331J	J 330	1/16W	Metal Oxide AC					
R1104	VRS-CA1JF333J	J 33k	1/16W	Metal Oxide AA	R2025	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA					
R1105	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide AA	R2028	VRS-CB1JF102J	J 1k	1/16W	Metal Oxide AA					
R1106	VRS-CA1JF333J	J 33k	1/16W	Metal Oxide AA	R2031	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R1107	VRS-CA1JF103J	J 10k	1/16W	Metal Oxide AA	R2032	VRS-CY1JF471J	J 470	1/16W	Metal Oxide AA					
R1108	VRS-CA1JF103J	J 10k	1/16W	Metal Oxide AA	R2033	VRS-CY1JF105J	J 1M	1/16W	Metal Oxide AA					
R1109	VRS-CA1JF333J	J 33k	1/16W	Metal Oxide AA	R2035	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA					
R1110	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide AA	R2041	VRS-CA1JF101J	J 100	1/16W	Metal Oxide AA					
R1111	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide AA	R2042	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R1112	VRS-CY1JF103F	J 10k	1/16W	Metal Oxide AA	R2045	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA					
R1113	VRS-CA1JF333J	J 33k	1/16W	Metal Oxide AA	R2047	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA					
R1114	VRS-CY1JF103F	J 10k	1/16W	Metal Oxide AA	R2048	VRS-CY1JF332J	J 3.3k	1/16W	Metal Oxide AA					
R1115	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA	R2049	VRS-CY1JF332J	J 3.3k	1/16W	Metal Oxide AA					
R1116	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA	R2050	VRS-CY1JF562J	J 5.6k	1/16W	Metal Oxide AA					
R1117	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA	R2051	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R1118	VRS-CY1JF104F	J 100k	1/16W	Metal Oxide AA	R2052	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R1119	VRS-CY1JF472F	J 4.7k	1/16W	Metal Oxide AA	R2053	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide AA					
R1120	VRS-TW2ED1R5J	J 1.5	1/4W	Metal Oxide AB	R2054	VRS-CY1JF333J	J 33k	1/16W	Metal Oxide AA					
R1121	VRS-CY1JF330J	J 33	1/16W	Metal Oxide AA	R2055	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA					
R1122	VRS-CY1JF102J	J 1k	1/16W	Metal Oxide AA	R2056	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R1123	VRS-CY1JF330J	J 33	1/16W	Metal Oxide AA	R2057	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide AA					
R1124	VRS-CY1JF472F	J 4.7k	1/16W	Metal Oxide AA	R2058	VRS-CY1JF474J	J 470k	1/16W	Metal Oxide AA					
R1125	VRS-TW2ED101J	J 100	1/4W	Metal Oxide AA	R2059	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA					
R1127	VRS-CY1JF3R9J	J 3.9	1/16W	Metal Oxide AA	R2060	VRS-CB1JF101J	J 100	1/16W	Metal Oxide AA					
R1129	VRS-CY1JF563F	J 56k	1/16W	Metal Oxide AA	R2061	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide AA					
R1130	VRS-TW2ED1R5J	J 1.5	1/4W	Metal Oxide AB	R2062	VRS-CY1JF333J	J 33k	1/16W	Metal Oxide AA					
R1132	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R2063	VRS-CY1JF333J	J 33k	1/16W	Metal Oxide AA					
R1133	VRS-CY1JF223F	J 22k	1/16W	Metal Oxide AA	R2067	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R1134	VRS-CY1JF223F	J 22k	1/16W	Metal Oxide AA	R2068	VRS-CY1JF101J	J 100	1/16W	Metal Oxide AA					
R1135	VRS-CY1JF561J	J 560	1/16W	Metal Oxide AA	R2069	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA					
R1136	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R2074	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA					
R1137	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R2075	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA					
R1138	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	R2076	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA					
R1202	VRS-CB1JF220J	J 22	1/16W	Metal Oxide AC	MISCELLANEOUS PARTS									
R1203	VRS-CA1JF220J	J 22	1/16W	Metal Oxide AA	FB702	RBLN-0051TAZZ	J Balun, BLN-0051TA		AC					
R1204	VRS-CB1JF220J	J 22	1/16W	Metal Oxide AC	FB703	RBLN-0051TAZZ	J Balun, BLN-0051TA		AC					
R1205	VRS-CA1JF220J	J 22	1/16W	Metal Oxide AA	FB704	RBLN-0051TAZZ	J Balun, BLN-0051TA		AC					
R1206	VRS-CB1JF220J	J 22	1/16W	Metal Oxide AC	FB705	RBLN-0095CEZZ	J Balun, BLN-0095CE		AD					
R1207	VRS-CA1JF220J	J 22	1/16W	Metal Oxide AA	FB706	RBLN-0051TAZZ	J Balun, BLN-0051TA		AC					
R1208	VRS-CY1JF560J	J 56	1/16W	Metal Oxide AA	FB708	RBLN-0095CEZZ	J Balun, BLN-0095CE		AD					
R1209	VRS-CA1JF220J	J 22	1/16W	Metal Oxide AA	FB709	RBLN-0090CEZZ	J Balun, BLN-0090CE		AD					
R1210	VRS-CY1JF220J	J 22	1/16W	Metal Oxide AA	FB801	RBLN-0090CEZZ	J Balun, BLN-0090CE		AD					
R1211	VRS-CY1JF221J	J 220	1/16W	Metal Oxide AA	FB802	RBLN-0090CEZZ	J Balun, BLN-0090CE		AD					
R1212	VRS-CY1JF000J	J 0	1/16W	Metal Oxide AA	FB901	RBLN-0006TAZZ	J Balun, BLN-0006TA		AB					
R1214	VRS-CB1JF101J	J 100	1/16W	Metal Oxide AA	FB1201	RBLN-0090CEZZ	J Balun, BLN-0090CE		AD					
					FB1202	RBLN-0006TAZZ	J Balun, BLN-0006TA		AB					

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code					
DUNTKA077FE09 MAIN PWB UNIT(Continued)														
FB1203	RBLN-0076TAZZ	J	Balun, BLN-0076TA	AC	C3421	VCE9PF1CW106M	J 10	16V Electrolytic	AC					
P301	QPLGN0278GEZZ	J	Plug, 2Pin	AA	C3422	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA					
P701	QPLGN1178GEZZ	J	Plug, 11Pin	AC	C3423	VCEAPF1CW107M	J 100	16V Electrolytic	AD					
P751	QPLGN0155FJZZ	J	Plug, 3Pin	AE	C3424	RC-KZ1025CEZZ	J 1	10V Ceramic	AB					
P752	QPLGN0155FJZZ	J	Plug, 3Pin	AE	RESISTORS									
P2002	QPLGN1320REZZ	J	Plug, 13Pin	AC	R3201	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA					
P2003	QPLGN0520REZZ	J	Plug, 5Pin	AB	R3202	VRS-CA1JF561J	J 560	1/16W Metal Oxide	AA					
P2004	QPLGN0420REZZ	J	Plug, 4Pin	AA	R3203	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA					
SC401	QSOCN0464FJZZ	J	Socket, 50Pin	AH	R3204	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA					
SC1201	QSOCN0461FJZZ	J	Socket, 53Pin	AH	R3205	VRS-CY1JF153J	J 15k	1/16W Metal Oxide	AA					
SC1203	QSOCN0199FJZZ	J	Socket, 20Pin	AE	R3206	VRS-CY1JF32J	J 3.3k	1/16W Metal Oxide	AA					
DUNTKA146DE01 TERMINAL PWB UNIT														
TUNER														
TU3201	VTUVT2U5UF553	J	VHF Tuner	BA	R3207	VRS-CY1JF152J	J 1.5k	1/16W Metal Oxide	AA					
INTEGRATED CIRCUIT														
IC3401	VHiTC4053BF1E	J	TC4053BF	AF	R3208	VRS-CY1JF33J	J 330	1/16W Metal Oxide	AA					
TRANSISTORS														
Q3201	VSDTC144EE/-1	J	DTC144EE	AA	R3209	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA					
Q3202	VSDTC144EE/-1	J	DTC144EE	AA	R3301	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA					
Q3203	VSDTC144EE/-1	J	DTC144EE	AA	R3302	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA					
Q3204	VS2SC2712Y/-1	J	2SC2712Y	AB	R3303	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA					
Q3205	VS2SC2712Y/-1	J	2SC2712Y	AB	R3304	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA					
Q3301	VS2SC2712Y/-1	J	2SC2712Y	AB	R3305	VRS-TQ2BD750J	J 75	1/8W Metal Oxide	AA					
Q3401	VS2SC2712Y/-1	J	2SC2712Y	AB	R3306	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
Q3402	VS2SC2712Y/-1	J	2SC2712Y	AB	R3308	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA					
Q3403	VSDTC144EE/-1	J	DTC144EE	AA	R3310	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA					
Q3404	VS2SK1467//1	J	2SK1467	AE	R3313	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA					
Q3405	VS2SK1467//1	J	2SK1467	AE	R3314	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
Q3420	VSDTC314TK/-1	J	DTC314TK	AC	R3315	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA					
Q3421	VSDTC314TK/-1	J	DTC314TK	AC	R3319	VRS-TQ2BD750J	J 75	1/8W Metal Oxide	AA					
Q3422	VSUMG4///-1	J	UMG4	AC	R3321	VRS-CY1JF822J	J 8.2k	1/16W Metal Oxide	AA					
DIODES														
D3401	RH-EX1271CEZZ	J	Zener Diode	AB	R3323	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
D3402	RH-EX1271CEZZ	J	Zener Diode	AB	R3324	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA					
D3403	RH-EX1271CEZZ	J	Zener Diode	AB	R3329	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
COILS														
L3201	VP-1M220J2R9N	J	Peaking, 22μH	AC	R3330	VRS-TX2HF33J	J 330	1/2W Metal Oxide	AB					
L3202	RCiLC0141CEZZ	J	Coil, CiLC0141CE	AF	R3331	VRS-TX2HF33J	J 330	1/2W Metal Oxide	AB					
L3401	VP-1M101J7R7N	J	Peaking, 100μH	AC	R3333	VRS-TV1JD000J	J 0	1/16W Metal Oxide	AA					
CAPACITORS														
C3201	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R3401	VRS-TQ2BD750J	J 75	1/8W Metal Oxide	AA					
C3202	VCEA4U0JN338M	J 3300	6.3V Electrolytic	AE	R3402	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
C3203	VCKYCY1HB103K	J 0.01	50V Ceramic	AA	R3404	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
C3204	VCKYCY1HB102K	J 1000p	50V Ceramic	AA	R3405	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA					
C3205	VCCCCY1HH330J	J 33p	50V Ceramic	AA	R3409	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA					
C3207	VCCCCY1HH330J	J 33p	50V Ceramic	AA	R3410	VRS-TQ2BD750J	J 75	1/8W Metal Oxide	AA					
C3208	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R3411	VRS-CY1JF680J	J 68	1/16W Metal Oxide	AA					
C3209	VCKYCY1HB102K	J 1000p	50V Ceramic	AA	R3412	VRS-CY1JF680J	J 68	1/16W Metal Oxide	AA					
C3301	VCE9PF1CW106M	J 10	16V Electrolytic	AC	R3413	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA					
C3302	VCE9PF1CW106M	J 10	16V Electrolytic	AC	R3414	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
C3303	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R3415	VRS-CY1JF562J	J 5.6k	1/16W Metal Oxide	AA					
C3306	VCKYCY1HB102K	J 1000p	50V Ceramic	AA	R3416	VRS-CY1JF272J	J 2.7k	1/16W Metal Oxide	AA					
C3311	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	R3420	VRS-CY1JF750J	J 75	1/16W Metal Oxide	AA					
C3312	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	R3421	VRS-CY1JF750J	J 75	1/16W Metal Oxide	AA					
C3402	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	R3422	VRS-CY1JF750J	J 75	1/16W Metal Oxide	AA					
C3403	VCEAPW1CN477M	J 470	16V Electrolytic	AE	R3423	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
C3404	VCKYCY1CF104Z	J 0.1	16V Ceramic	AA	R3424	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
C3405	VCEAPF0JW336M	J 33	6.3V Electrolytic	AB	R3425	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA					
C3406	RC-KZ1025CEZZ	J 1	10V Ceramic	AB	R3426	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA					
C3407	VCEAPF0JW226M	J 22	6.3V Electrolytic	AB	R3427	VRS-CY1JF102J	J 1k	1/16W Metal Oxide	AA					
C3420	VCE9PF1CW106M	J 10	16V Electrolytic	AC	R3428	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA					
MISCELLANEOUS PARTS														
△ FH3701 QFSHD1002CEZZ J Fuse Holder AA														
△ FH3702 QFSHD1002CEZZ J Fuse Holder AA														
△ FH3703 QFSHD1002CEZZ J Fuse Holder AA														
△ FH3704 QFSHD1002CEZZ J Fuse Holder AA														
△ FH3751 QFSHD1002CEZZ J Fuse Holder AA														
△ FH3752 QFSHD1002CEZZ J Fuse Holder AA														
△ F3701 QFS-B1621GEZZ J Fuse, 1.6A 125V AD														
△ F3702 QFS-B1621GEZZ J Fuse, 1.6A 125V AD														
△ F3751 QFS-B2521GEZZ J Fuse, 2.5A 125V AD														
J3401 QJAKE0200CE02 J Jack, AV1(Red) AE														
J3402 QJAKE0200CE09 J Jack, AV1(White) AE														

Ref. No.	Part No.	★	Description	Code
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DUNTKA146DE01
TERMINAL PWB UNIT(Continued)

J3403	QJAKE0200CE04	J	Jack, AV1(Yellow)	AE
J3404	QJAKE0200CE02	J	Jack, AV1(Red)	AE
J3405	QJAKE0200CE06	J	Jack, AV1(Blue)	AE
J3406	QJAKE0200CE05	J	Jack, AV1(Green)	AE
J3407	QJAKE0200CE02	J	Jack, AV2(Red)	AE
J3408	QJAKE0200CE09	J	Jack, AV2(White)	AE
J3409	QJAKE0200CE04	J	Jack, AV2(Yellow)	AE
J3410	QJAKJ0046CEZZ	J	Jack, Head Phone	AE
J3701	QJAKE0193CEZZ	J	Jack	AK
P3203	QPLGN0280GEZZ	J	Plug, 2Pin	AB
P3204	QPLGN0280GEZZ	J	Plug, 2Pin	AB
P3701	QPLGN1178GEZZ	J	Plug, 11Pin	AC
SC3301	QSOCD0456CEZZ	J	Socket	AE
SC3401	QSOCN0464FJZZ	J	Socket, 50Pin	AH

DUNTKA147DE01
SWITCH PWB UNIT

DIODES

D4009	RH-EX0879CEZZ	J	Zener Diode	AD
D4010	RH-EX0879CEZZ	J	Zener Diode	AD
D4018	RH-EX1283CEZZ	J	Zener Diode	AB
D4019	RH-EX1283CEZZ	J	Zener Diode	AB

CAPACITORS

C4001	VCCCCY1HH471J	J	470p 50V Ceramic	AA
C4002	VCCCCY1HH471J	J	470p 50V Ceramic	AA

RESISTORS

R4005	VRS-CY1JF123J	J	12k 1/16W Metal Oxide	AA
R4006	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R4011	VRS-CY1JF123J	J	12k 1/16W Metal Oxide	AA
R4012	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

P4004	QPLGN0564TAZZ	J	Plug, 5Pin	AC
SW4002	QSW-K0087GEZZ	J	Switch, CH▼	AC
SW4003	QSW-K0087GEZZ	J	Switch, CH▲	AC
SW4004	QSW-K0087GEZZ	J	Switch, Menu	AC
SW4006	QSW-K0087GEZZ	J	Switch, TV/Video	AC
SW4007	QSW-K0087GEZZ	J	Switch, Vol(+)	AC
SW4008	QSW-K0087GEZZ	J	Switch, Vol(-)	AC
S4701	QSW-S0213CEZZ	J	Switch	AE

DUNTKA148DE01
R/C PWB UNIT

TRANSISTORS

Q4106	VSDTC144EE/-1	J	DTC144EE	AA
Q4107	VSUMG4///-1	J	UMG4	AC

DIODES

D4120	RH-EX1271CEZZ	J	Zener Diode	AB
D4121	RH-EX1271CEZZ	J	Zener Diode	AB
D4122	RH-PX0368CEZZ	J	PhotoDiode	AE

CAPACITOR

C4120	VCKYTV1CF105Z	J	1 16V Ceramic	AB
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RESISTORS

R4187	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R4188	VRS-CY1JF102J	J	1k 1/16W Metal Oxide	AA
R4189	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R4190	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
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MISCELLANEOUS PARTS

PSLDM4450CEFV	J	Shield	AE
RMC4101RRMCU0225CEZZ	J	Remote Receiver	AK
SC4102QPLGN0464TAZZ	J	Plug, 4Pin	AC

SUPPLIED ACCESSORIES

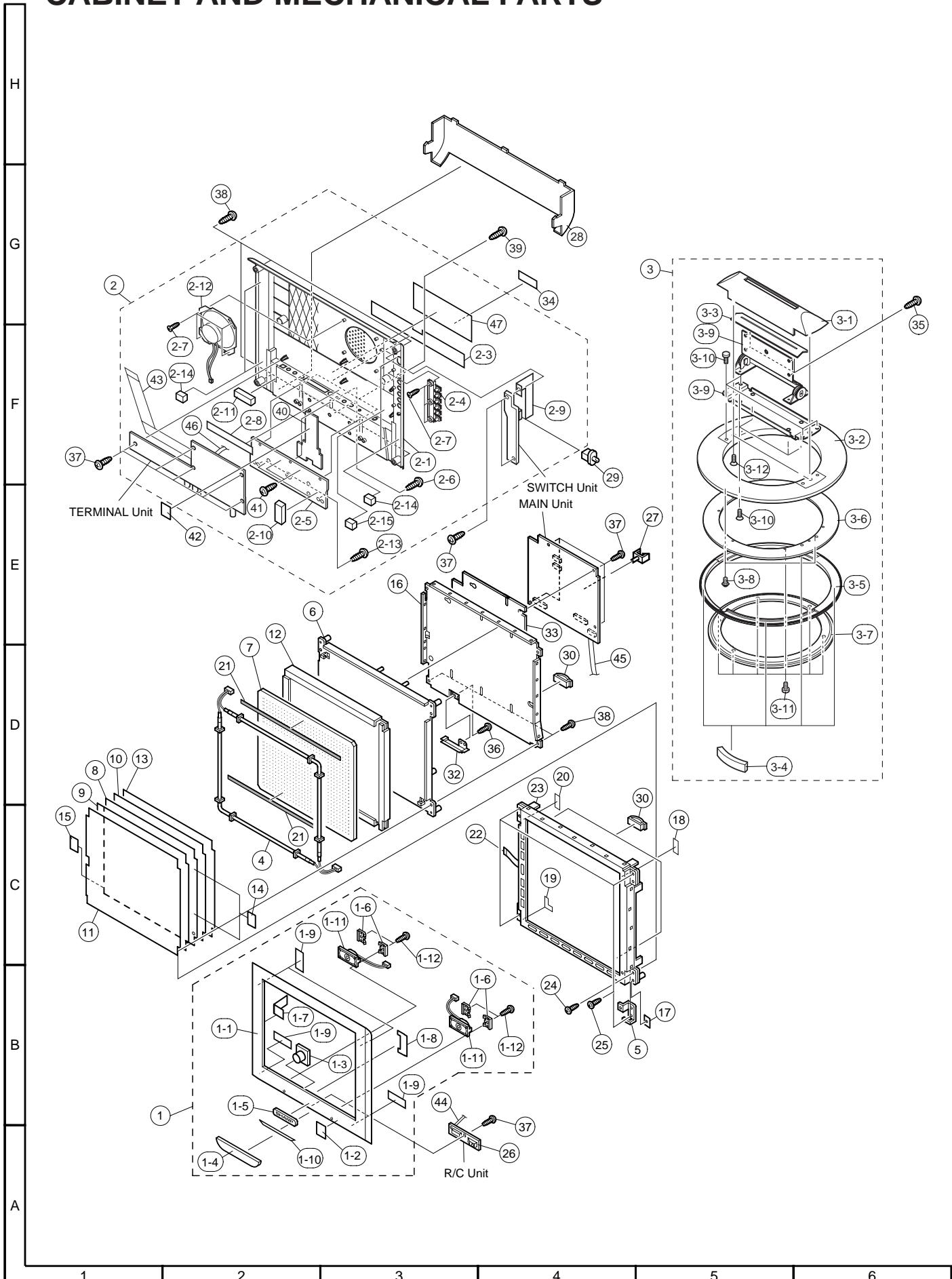
△	LHLDW1028GEZZ	J	Cable Clamp	AB
	RRMCG1559CESA	J	Remote Control	AT
	QACCD3088CEZZ	J	AC Cord	AP
	QCNW-5730CEZZ	J	Antenna Cable	AP
	SSAKA0160CEZZ	J	Operation Manual Polyethylene Bag	AB
	TiNS-6961CEZZ	J	Operation Manual	AQ
	UADP-0212CEZZ	J	AC Adapter	BH

**PACKING PARTS
(NOT REPLACEMENT ITEM)**

SPA KC5443CEZZ	—	Packing Case	—
SPA KF0405CEZZ	—	Packing Material	—
SPA KF0473CEZZ	—	Pat	—
SPA KP0798CEZZ	—	Wrapping Paper	—
SPA KX2903CEZZ	—	Buffer Material	—
TLABK0001TAZZ	—	No. Label	—
TLABN0157CEZZ	—	Barcode Label	—

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
CABINET PARTS LIST									
1	CCABA2402CE02	J	Cabinet A Ass'y	BF	37	XEBSD30P08000	J	Screw	AA
1-1		—	Cabinet A	—	38	XEBSF30P12000	J	Screw	AA
1-2	GCOVA1840CESA	J	IR Filter	AC	39	XEPSN30P16000	J	Screw	AA
1-3	GCOVA1857CESA	J	LED Cover	AD	40	LANGF0104CEFW	J	Reinforcing Metal	AF
1-4	GCOVA1900CESA	J	R/C Receptor Cover	—	41	XBBSD30P04000	J	Screw	AA
1-5	HBDGB3154CESA	J	SHARP Badge	AF	42	PZETN0057CEZZ	J	Reinforcing Metal Edge Cover	AE
1-6	LANGS0130CEFW	J	Speaker Fixing Metal	AD	43	QCNW-5555CEZZ	J	Terminal FFC	AL
1-7	PSLDC3104CEZZ	J	Copper Film Sheet	AC	44	QCNW-5556CEZZ	J	RC/LED Cable	AE
1-8	PSLDC3105CEZZ	J	Receptor Copper Film Sheet	AC	45	QCNW-5557CEZZ	J	Operate Cable	AF
1-9	PSPA0654CE00	J	SP Spacer	AB	46	QCNW-5558CEZZ	J	Power Cable	AH
1-10	PSPAP0055CEZZ	J	Receptor Spacer	AB	47	HiNDP5586CESA	J	Model Indicator Plate	AH
1-11	VSP4030P-44YD	J	Speaker	AR					
1-12	XEBSD20P05000	J	Screw	AA					
2	CCABB2288CE01	J	Cabinet B Ass'y	BE					
2-1		—	Cabinet B	—					
2-3	HiNDP5585CESA	J	Terminal Indicator Plate	AH					
2-4	JBTN-2047CEKA	J	Operating Button	AF					
2-5	LANGF9601CEFW	J	Reinforcement Metal	AK					
2-6	LX-BZ3426CEFN	J	Screw	AA					
2-7	LX-HZ3064CEFF	J	Screw	AA					
2-8	PSLDC3106CEZZ	J	Copper Film Sheet	AC					
2-9	PSLDC3107CEZZ	J	Copper Film Sheet	AD					
2-10	PSPAG0364CEZZ	J	Spacer	AC					
2-11	QEARZ0022CEZZ	J	Earth Gasket	AE					
2-12	RSP-Z0114CEN1	J	Speaker	AR					
2-13	LX-BZ3425CEFN	J	Screw	AA					
2-14	PSPAG0370CEZZ	J	Spacer	AB					
2-15	PSPAG0371CEZZ	J	Spacer	—					
3		—	Stand Ass'y	—					
3-1	GCOVA1853CESA	J	Hinge Cover	AH					
3-2	GCOVA1854CESA	J	Rotation Cover	AQ					
3-3	GCOVH9302CEZZ	J	Protection Cover	AE					
3-4	GCOVH9303CE00	J	Leg Cover	AD					
3-5	GDAi-1113CESA	J	Rotation Base	AL					
3-6	LANGF9549CE00	J	Reinforcing Metal	AS					
3-7	LANGF9550CE00	J	Reinforcing Metal	AP					
3-8	LX-HZ3112CEFD	J	Screw	AA					
3-9	MHNG-3026CE01	J	Torque Hinge	BC					
3-10	XBPSD40P07000	J	Screw	AA					
3-11	XBPSF40P04000	J	Screw	AA					
3-12	XESSF30P08000	J	Screw	AA					
⚠ 4	KLMP-0098CEZZ	J	Lamp Unit	BA					
5	LANGQ9208CEFW	J	ITO Sheet Angle	AE					
6	LHLDZ2145CEKZ	J	Light Guide Sheet Holder	AU					
7	PGIDM0060CEZZ	J	Light Guide Sheet	AZ					
8	PSHEP0207CEZZ	J	ITO Sheet	AX					
9	PSHEP0220CEZZ	J	Wave Sheet	AY					
10	PSHEP0208CEZZ	J	Diffusion Sheet	AP					
11	PSHEP0209CEZZ	J	Polarising Sheet	BG					
12	PSHEP0210CEZZ	J	Reflection Sheet A	AL					
13	PSHEP0217CEZZ	J	Reflection Sheet B	AL					
14	PSLDM4504CEZZ	J	Copper Film Shield	AC					
15	PSLDM4505CEZZ	J	Copper Film Shield	AC					
16	PSLDM4604CEFW	J	Panel Shield Plate	AN					
17	PSPAZ0364CEZZ	J	Panel Spacer	AB					
18	PSPAZ0365CEZZ	J	Panel Spacer	AB					
19	PSPAZ0367CEZZ	J	Spacer	AD					
20	PSPAZ0368CEZZ	J	Spacer	AD					
21	PSPAZ0377CEZZ	J	Both Side Tape	AD					
22	QCNW-4941CEZZ	J	Gate FFC	AE					
23	RLCDT0058CEZZ	J	LCD Module Unit	DQ					
24	XBBSD20P05000	J	Screw	AA					
25	XEBSD30P08000	J	Screw	AA					
26	PSLDM4450CEFW	J	Receptor Shield Plate	AE					
27	LHLDW1077GEZZ	J	Wire Clamp	AA					
28	GCOVA1858CEKA	J	Terminal Cover	AL					
29	JKNBP1167CEKA	J	Power Knob	AE					
30	LHLDW1173CEZZ	J	Wire Clamp	AD					
32	PSLDM4482CEFW	J	Source FPC Shield Plate	AD					
33	PZETZ0011CEZZ	J	Insulator	AH					
34	TLABN0235CEZZ	J	No. Label	AE					
35	LX-BZ3431CEFN	J	Screw	AB					
36	XEBSD26P06000	J	Screw	AA					

CABINET AND MECHANICAL PARTS



PACKING OF THE SET

